PRAHER VALVES

CHEMICAL RESISTANCE - GUIDE

PRAHER VALVES

These top-quality industrial valves "made in Austria" have been in use for more than 3 decades. Praher's piping systems are developed to meet all requirements of future-oriented industrial pipeline engineering. Established applications include water and wastewater treatment, desalination plants, the chemical and pharmaceutical industries, power plants, and many others.

A leading producer of highly resistant plastic components, Praher distributes its products to more than 90 countries worldwide. Its in-house development department guarantees continued progress and permanent compliance with the highest quality benchmarks. Thus, PRAHER VALVES continues to set the standard in state-of-the-art pipeline engineering.

The available list of chemical resistance values is to serve all users as decision-making aid in selecting the correct Praher materials, e.g., for challenging technical solutions.

Chemical resistance of plastics:

In recent years, plastic materials have become an important part of industrial piping applications. They are used to convey drinking water, salt water, or waste water, and even highly aggressive media and gases. Therefore, choosing the right materials for a particular application scenario frequently entails great responsibility.

The main purpose of the following information is to serve as orientation guide specifying the chemical resistance values of various materials when not exposed to pressure. Changes in the composition of the medium or special operating conditions may cause deviations. In case of doubt, it is recommended to test the behavior of the material under the specific operating conditions to be expected by means of a pilot installation. You are also most welcome to contact our team for further information and advice.

The information contained herein reflects the current state of the art, and was obtained from reliable sources and aligned to DIN8061-8080. We do not make any representations or warranties as to the information contained in this guide! In addition, we expressly reserve the right to revise this information from time to time in the light of subsequent research and experience.

As an Austrian manufacturer of plastic valves, we may introduce our directive of chemical resistance.

Classification:

Resistant: +
Within the acceptable limits of pressure and temperature the material is unaffected or only insignificantly affected.

Conditionally resistant: o
The medium can attack the material or cause swelling. Restrictions must be made as regards the pressure and/or temperature, taking the expected service life into account. The service life of the installation can be significantly shortened.

Non resistant: -
The material cannot be used with the medium at all, or only under special conditions.

Basically with lower as the mentioned temperatures the chemical resistancy of materials is better.

Solvent cement joints with Tangit/Dytex:

Solvent cement joints on ABS, PVC-U made with Tangit cement are generally as resistant as the material of the piping system itself. The use of Dytex solvent cement is recommended for cement jointing of PVC-U in connection with the following acids:

Sulphuric acid:	≥ 70% H_2SO_4
Chromic-sulphuric acid mixture:	≥ 70% H_2SO_4 + 5% $K_2CR_2O_7$ / $Na_2Cr_2O_1$
Chromic acid:	≤ 10% CrO_3
Hydrochloric acid:	≥ 25% HCl
Nitric acid:	≥ 20% HNO_3
Sodium hypochlorite also known as Potassium hypochlorite:	≥ 6% NaOCl
Hydrogen peroxide:	≥ 5% H_2O_2
Hydrofluoric acid:	≥ 0% HF

For all the media mentioned above in lower concentrations, Tangit solvent cement should be used. Due to the effects of these acids on the pipe material, we recommend using pipes with a pressure rating PN 16. Attention! Usually the allowable pressure must be decreased by one pressure rating (thus PN16 to PN10).

Because Dytex is not gap-filling, a special cement jointing procedure is required and is described in our technical catalogue.

Welded connections:

Welded connections out of PE, PP, PVDF have practically the same chemical resistance as the parent material. In case of stress cracking media, welded connections are under a higher risk because of the stress in the welding seam.

Sealing materials:

The lifetime of the sealing material and the material of the pipeline could be different depending upon the working conditions.
During transportation of strong aggressive media such as hydrochloric acid, you also have to consider the chemical resistance properties or any sealing material.

See also ISO TR 7620 „Chemical resistance of rubber material“.

General summary and limits of applications:

Abbreviation / Material:		General chemical resistancy:	Max operating temperature constant:	short-term:
PTFE	Polytetra-Fluorethylen (e.g. Teflon®)	Resistant to all chemicals in this list	250°C	300°C
NBR	Nitrile rubber	Good resistant to oil and Petrol. Unsuitable for oxidising medias.	90°C	120°C
EPDM	Ethylene-Propylene-Rubber	Especially suitable for aggressive chemicals. Unsuitable for oils and fats.	90°	120°C
FPM FFKM	Fluorine-Rubber (e.g. Viton® or Kalrez®)	Has best chemicals resistance to solvents of all elastomers	150°C	200°C
CSM	Chlorine sulphonyl Polyethylene (e.g. Hypalon®)	Chemical resistance similar to that of EPDM	100°C	140°C
PVC-U	Polyvinylchloride	Resistant to solutions of salts, acids and alkalis and organic compounds dissolved in water. Not resistant to aromatic or chlorinated hydrocarbons.	60°C	60°C
PP	Polypropylen	Resistant to hydrous solutions of acids, alkalis and salts as well as to a large number of organic solvents. Unsuitable for concentrated oxydizing acids	90°	110°C
PVDF	Polyvinyliden-Fluorid	Resistant to acids, solutions of salt, aliphatic, aromatic and chlorinated hydrocarbons, alcohols and halogens. Conditionally suitable for ketones, esters, ether, organic bases and alkaline solutions.	140°C	150°C
PE	Polyethylen	Chemical resistance similar to that of PP, but suitable for lower temperatures only.	60°C	80°C
ABS	Acylnitryl-Butadienstyrol	Absolutely food safe shock-resistant -40°C – +80°C	80°C	90°C

The upper chart includes the most important materials and their abbreviations, which are used at PRAHER. This summary serves as a guide to the general material behaviour and the temperature application limits.

Compressible media:

For low boiling point fluids, such as liquid gas or solutions of gases in liquids, for example, hydrochloric acid, the associated vapour pressure of the media has to be taken into account. Furthermore, outgassing (due to changes in the media composition) or vaporisation (due to an inadmissible, high pressure increase) are to be prevented by relevant limitation of the operating temperature or by preventing the vapour pressure from exceeding the operational pressure. It is important to point out that, in such cases of leakage, the sudden escape of large gas or vapour volumes is to be considered a dangerous condition.

Relatively high flow velocities must be assumed when transporting humid gases (aerosols) or following pressure drops in plastic piping systems carrying fluids having high vapour pressures. These can cause the development of high levels of electrostatic charge. Such a condition exhibits an additional source of danger if flammable media or mixtures which can explode when mixed with air are involved.

Exclusion of responsibility:

The information in this section has been supplied by reliable sources. However, it is provided without no guarantee, express or implicit, of its exactitude.

The conditions or methods of manipulation, storage or use of the material are out of our control and/or knowledge. By this and other reasons, we did not assume responsibility and we resigned specifically to the obligations of damages caused or related to the information expressed here.

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Acetaldehyde	75-07-0	CH3-CHO	techni-cally pure	20	-	o	-	-	+	+	+	-	o
				40		-			o	+	o		-
				60						+	-		
				80									
				100									
				120									
Acetaldehyde	75-07-0	CH3-CHO	40%	20	o	+	-	-	+	+	+	-	+
				40	-	o			+	+	o		+
				60		o			o	+	o		o
				80		o					o		-
				100									
				120									
Acetic acid anhydride	108-24-7	CH3COOCOCH3	techni-cally pure	20	look at Acetic anhydride								
				40									
				60									
				80									
				100									
				120									
Acetic acid solution	64-19-7		bis 40%	20	+	+	+	+	+	+	+	+	o
				40	+	+	+	+	+	+	+	o	-
				60	o	+	+	o	+	+	o		
				80		+	+						
				100			+						
				120			+						
Acetic acid solution	64-19-7	CH3COOH	50%	40	+	+	+	-	+	+	+	-	o
				60	+	+	+		+	+	o		-
				80	o	+	+		o	+	-		
				100			o						
				120			o						
Acetic acid solution	64-19-7	CH3COOH	60%	20	+	+	+	-	+	+	+	-	o
				40	+	+	+		o	+	o		
				60	o	+	+		o	+	-		
				80			o						
				100			o						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM	
Acetic acid solution	64-19-7	CH3COOH	61 - 95%	20	+	+	+	-		+	+	+	-	
				40	o	+	o			+	+	o		
				60	o	o	o			o	+			
				80										
				100										
				120										
Acetic acid solution	64-19-7		technically pure	20	o	+	+	-		+	+	+	-	-
				40	-	+	o			+	+	o		
				60		o	-			o	+	-		
				80		-								
				100										
				120										
Acetic alumina			saturated solution	20	look at Aluminium(hydroxide) acetate									
				40										
				60										
				80										
				100										
				120										
Acetic anhydride	108-24-7		technically pure	20	-	+	-	-		+	+	o	-	-
				40		o				o	+	-		
				60		-				-	+			
				80										
				100										
				120										
Acetic ethyl acetate			technically pure	20	look at Ethyl acetate									
				40										
				60										
				80										
				100										
				120										
Acetone	67-64-1	CH3COCH3	technically pure	20	-	+	-	-		+	+	+	-	-
				40		+				+	+	+		
				60		+				+	+	+		
				80										
				100										
				120										

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Acetone	67-64-1		10%	20	-	+	o	o	+	+	+	-	o
				40		+	o		+	+	+		o
				60		+	o		+	+	+		-
				80									
				100									
				120									
Acetonitrile	75-05-8		100%	20	-	o	-	-	o	+	o	o	-
				40						+			
				60						+			
				80									
				100									
				120									
Acetophenone	98-86-2	C6H5COCH3	techni-	20	-	o	-	-	o	+	+	-	-
			cally	40		o				+	+		
			pure	60		o				+	+		
				80		-					+		
				100									
				120									
Acetylene	74-86-2	HCCH	techni-	20	-	+	+		+	+	+	+	+
			cally	40		+	+			+	o	+	+
			pure	60		+	+			+	-	+	+
				80		+	+						+
				100									
				120									
Acid containg low chlorine				20	+	+	+			+	+	o	+
				40	+	+	+			+	+		+
				60	+	+	+			+			
				80			+						
				100			+						
				120			+						
Acid crude oil				20	+	+	+			+	-	+	+
				40	+	+	+			+			
				60		+	+			+			
				80			+						
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Acrylonitrile	107-13-1	CH2CHCN	technically pure	20	-	+	-	-	+	+	+	-	o
				40		o			+	+	+		o
				60		o			+	+	o		-
				80									
				100									
				120									
Adipic acid	124-04-9	HO2C(CH2)4CO2H	saturated solution	20	+	+	+	-	+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	-	+	+		+	+	+	+	+
				80		+	+						
				100									
				120									
Agitation ethyl alcohol			standard	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	o	+	+		o	+	+	+	+
				80			+				-	-	o
				100			+						
				120									
Agitation mash			standard	20	+	+			+	+			
				40	+	+			+	+			
				60	o	+			+	+			
				80									
				100									
				120									
Air-ozone-mixture			2% in air	20	+	o	o	-	o	+	o	-	+
				40		-	o		-	+			
				60			o			+			
				80									
				100									
				120									
Albumen solution				20	+	+				+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Allyl alcohol	107-18-6	CH2CHCH2OH	technically pure 96%	20	o	+	+	-	+	+	+	+	o
				40	-	+	+		+	+	+	+	-
				60		o	+		+	+	o	+	
				80			+				-	+	
				100			+						
				120									
Allyl chloride	107-05-1			20	-		+		o	+	-	+	+
				40			o		-	+		o	+
				60			-			+		+	o
				80									
				100									
				120									
Alum(Metal(I)-Metal(III)-sulfate)	7784-24-9	KAl(SO4)2*12H2O	saturated solution	20	+	+	+		+	+	+	-	+
				40	+	+	+		+	+	+		+
				60	+	+	+		+	+	+		+
				80		+	+		o		+		+
				100			+						+
				120									
Aluminium ammonium sulfate	7784-26-1	NH4Al(SO4)2	solution	20		+	+		+	+	+	+	+
				40		+	+		+	+	+	+	+
				60		+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Aluminium chloride	7446-70-0	AlCl3	saturated solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	+	o	+	+	+	+	+	+	+
				80		o	+				+	+	+
				100			+						+
				120			+						
Aluminium fluoride	15098-87-0	AlF3	saturated solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	+	+	+	+	+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM	
Aluminium hydroxide	21645-51-2		satura-ted solution	20	+	+	+			+	+	+	+	
				40	+	+	+			+	+	+	+	
				60	+	+	+			+	+	+	+	
				80		+	+				+		+	
				100			+						+	
				120										
Aluminium metaphosphate	13776-88-0	Al(PO3)3	satura-ted solution	20			+			+				
				40			+			+				
				60			+			+				
				80			+							
				100			+							
				120										
Aluminium nitrate	13473-90-0	Al(NO3)3	satura-ted solution	20	+	+	+			+	+	+	+	
				40	+	+	+			+	+	+	+	
				60	+	+	+			+	+	+	+	
				80		+	+				+	+	+	
				100			+						+	
				120			o							
Aluminiumoxide	1344-28-1	Al2O3	suspen-sion	20			+			+				
				40			+			+				
				60			+			+				
				80			+							
				100			+							
				120										
Aluminium potassium sulfate	10043-67-1	KAl(SO4)2*12 H2O	satura-ted solution	20	+	+	+		+	+	+	-	+	
				40	+	+	+		+	+	+		+	
				60	+	+	+		+	+	+		+	
				80		+	+				+		+	
				100			+						+	
				120										
Aluminium sulfate	17927-65-0	Al2(SO4)3	satura-ted solution	20	+	+	+	+	+	+	+	+	+	
				40	+	+	+	+	+	+	+	+	+	
				60	+	+	+	+	+	+	+	+	+	
				80		o	+				+	+	+	
				100			+					+	+	
				120			+							

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Aluminium (hydroxide) acetate	139-12-8	Al(OOCCH3)3	saturated solution	20	o	+	+			+	+	o	+
				40						+			
				60						+			
				80									
				100									
				120									
Aminoacetic acid	56-40-6	NH2CH2COOH		20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	o	+
				60			+		+	+	+		
				80			+				+		
				100									
				120									
Aminoethanol	141-43-5	NH2CH2CH2OH	technically pure	20	-	+	o	-	+	+	+	o	o
				40						+			
				60						+			
				80									
				100									
				120									
Ammonia solution	1336-21-6	NH4OH	saturated solution	20	look at Ammonium hydroxide								
				40									
				60									
				80									
				100									
				120									
Ammonia, gaseous	7664-41-7	NH3	technically pure	20	+	+	+	-	+	+	+	+	+
				40	+	+	+		+	+	o	o	o
				60	+	+	+		+	+	o	o	-
				80			+						
				100			-						
				120									
Ammonium acetate	631-61-8	CH3COONH4	all	20	+	+	+	o	+	+	+	+	+
				40	+	+	+		+	+	+	o	+
				60	o	+	+		+	+	+		+
				80		+	+				o		
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Ammonium bifluoride	1341-49-7		satura-ted solution	20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60	+	+	+			+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Ammonium bromide	12124-97-9	NH4Br	satura-ted solution	20		+				+	+		
				40		+				+	+		
				60		+				+	+		
				80		+							
				100									
				120									
Ammonium carbonate	506-87-6	(NH4)2CO3	satura-ted solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+	+	+	+	+	+	+
				80		+	+				+		+
				100			+						
				120			+						
Ammonium chloride	7446-70-0	AlCl3	satura-ted solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	+	o	+	+	+	+	+	+	+
				80		o	+				+	+	+
				100			+						+
				120			+						
Ammonium dihydrogen phosphat	7722-76-1	NH4H2PO4	satura-ted solution	20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60	o	+	+			+	+	+	+
				80		o	+						
				100			+						
				120			+						
Ammonium fluoride	12125-01-8	NH4F	satura-ted solution	20	+	+	+			+	+	+	+
				40	+	+	+			+	+		
				60	+	+	+			+	+		
				80		+	+						
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Ammonium fluoride, aqueos	12125-01-8	NH4F	20%	20	+	+	+		+	+	+	+	+
				40	o	+	+		+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80		-	+						
				100			+						
				120			+						
Ammonium formiate	540-69-2	HCOONH4	satura-ted solution	20		+	+			+	+	+	+
				40			+			+			
				60			+			+			
				80			+						
				100			+						
				120									
Ammonium hydrogen carbonate	1066-33-7	NH4HCO3	satura-ted solution	20	+	+			+	+			
				40	+	+			+	+			
				60	+	+			+	+			
				80		+							
				100									
				120									
Ammonium hydrogensulfite	10192-30-0	NH4HSO3		20			+			+			
				40			+			+			
				60			+			+			
				80			+						
				100			+						
				120									
Ammonium hydroxide	1336-21-6	NH4OH	satura-ted	20	+	+	+	+	+	+	+	+	+
				40	+	+	-	+	+	+	+	+	o
				60	o	+		o	+	+	+	o	o
				80		o					+	o	-
				100									
				120									
Ammonium nitrate	6484-52-2	NH4NO3	satura-ted solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	+	+	+	+	o	+	+	o	+
				80		+	+						+
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Ammonium oxalate	1113-38-8	NH4O2CCO2NH4	saturated solution	20	+	+	+			+	+	+	+
				40			+			+			
				60			+			+			
				80			+						
				100			+						
				120									
Ammonium persulafte	7727-54-0	(NH4)2S2O8	all	20	+	o	+		+	+	+	o	+
				40	+		+			+			
				60	o		+			+			
				80			+						
				100			+						
				120									
Ammonium phosphate	7783-28-0	(BH4)3HPO4	saturated solution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+			
				60	+	+	+		+	+			
				80		+	+						
				100			+						
				120			+						
Ammonium rhodanine	1762-95-4	NH4NCS		20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	o	+
				60	+		+		+	+	+		
				80			+				+		
				100			+						
				120									
Ammonium saltpeter	6484-52-2			20	look at Ammonium nitrate								
				40									
				60									
				80									
				100									
				120									
Ammonium sulfate	7783-20-2	(NH4)2SO4	saturated solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	+	+	+	+	+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Ammonium sulfite	10196-04-0	(NH4)2SO3		20	+	+				+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									
Ammonium tetrafluoroborate	13826-83-0	NH4BF4	satura-ted solution	20	+		+			+			
				40	+		+			+			
				60	+		+			+			
				80			+						
				100									
				120									
Ammonium thiocyanate	1762-95-4	NH4SCN	satura-ted solution	20	look at Ammonium rhodanine								
				40									
				60									
				80									
				100									
				120									
Ammonium-hydrogen fluoride	1341-49-7	NH4F*HF	50%	20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60	+	+	+			+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Ammoniumsulfide	12135-76-1	(NH4)2S	satura-ted solution	20	+	+	+	+	+	+	+	+	o
				40	+	+	+	+	+	+	+	+	o
				60	o	+	+	+	+	+	+	+	-
				80		+	+						
				100			+						
				120									
Amyl alcohol	71-41-0	H3C(CH2)4OH	techni-cally pure	20	look at Pentanol								
				40									
				60									
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Amyl chloride	543-59-9	H3C-CH2-CH2-CH2-CH2-Cl	technically pure	20	-	-	+		o	+	-	-	+
				40			+		-	+			
				60			+			+			
				80									
				100									
				120									
Aniline	62-53-3	C6H5NH2	saturated solution	20	-	+	+		+	+	+	-	o
				40		+	o		o	+	+		o
				60		o	-		o	+			o
				80									
				100									
				120									
Aniline	62-53-3	C6H5NH2	technically pure	20	-	+	+	-	+	+	+	-	o
				40		+	o		o	+	+		o
				60		o	-		o	+	+		o
				80									
				100									
				120									
Aniline chloride	142-04-1		saturated solution	20	look at Aniline hydrochloride								
				40									
				60									
				80									
				100									
				120									
Aniline hydrochloride	142-04-1	C6H5NH3Cl	saturated solution	20	o	o	+	-	o	+	+	-	o
				40	-	o	+		o	+	+		o
				60		o	+		o	+	+		o
				80			-				+		o
				100									
				120									
Anisole	100-66-3	C6H5OCH3	technically pure	20	-	o	+		o	+	-	-	-
				40		o	+		o	+			
				60		o	+		-	+			
				80			+						
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Anon	108-94-1	C6H10O	technically pure	20 40 60 80 100 120	look at Cyclohexanone								
Anthraquinone sulfuric acid			suspension	20 40 60 80 100 120	+	+	+ +		+	+ + +	+	o	+
Anthraquinone-2-sulfonic acid		C6H4CO COC6H4SO3H	aqueous suspension	20 40 60 80 100 120	+ -	+	+ +		+	+ + +	+	o	+
Antifreeze			standard	20 40 60 80 100 120	+ o o	+ + +	+ + + + +		+ + o	+ + +	+ + +	o o o	+ + +
Antimony, aqueous	10025-91-9	SbCl3	90%	20 40 60 80 100 120	+ + +	+ + +	+ + +	-	+ + +	+ + +	+ + +	-	+ + +
Antymony trichloride	10025-91-9			20 40 60 80 100 120	+ + +	+ + +	+ + +		+ + +	+ + +	+ + +	+ + +	+ + +

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Antymony, anhydrous	10025-91-9			20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80									
				100									
				120									
Apple juice			stan-dard	20		+			+	+			
				40		+			+	+			
				60		+			+	+			
				80		+							
				100									
				120									
Aqua regia	8007-56-5	HCl/HNO3	75%/ 25%	20	+	-	o	-	-	+	-	-	o
				40	o					+			
				60						+			
				80									
				100									
				120									
Argon	7440-37-1	Ar	techni-cally pure	20	+	+	+			+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									
Arsenic trichloride	7784-34-1	AsCl3	aqueous	20	+	+				+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									
Arsoni acid	36465-76-6	H3AsO3 (As2O3+H2O)	satura-ted solution	20	+	+				+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Arsoni acid	36465-76-7	H3AsO4	80%	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+	+	+	+	+	+	+
				80		+	+				+	o	+
				100			+						+
				120			+						
Arsoni acid	36465-76-8	H3AsO4	10%	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+	+	+	+	+	+	+
				80		+	+				+	o	+
				100			+						+
				120			+						
Ascorbic acid, L (+)-	50-81-7		aqueous	20	+	+				+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									
Asphalt	8052-42-4			20	+	+	+			+	-	+	+
				40		o	+			+		o	+
				60		o	+			+		o	+
				80			+						
				100			+						
				120									
Asporgin acid		(HOOC)CH(NH2)CH2COOH	aqueous	20	+	+				+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									
Barium acetate	543-80-6		all	20	+	+	+	+	+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+						+
				100			+						+
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Barium carbonate	513-77-9	$BaCO_3$	satura-	20	+	+	+	+	+	+	+	+	+
			ted	40	+	+	+		+	+	+	+	+
			solution	60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Barium chlorate	13477-00-4		20%	20	+	+	+	+	+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80		o	+				+		+
				100			+						+
				120			+						
Barium chloride	10326-27-9	$BaCl_2$	satura-	20	+	+	+	+	+	+	+	+	+
			ted	40	+	+	+		+	+	+	+	+
			solution	60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Barium hydroxide	12230-71-6	$Ba(OH)_2$	satura-	20	+	+	+	+	+	+	+	+	+
			ted	40	+	+	+	+	+	+	+	+	+
			solution	60	o	+	o	+	+	+	+	+	+
				80		+	-				+		+
				100									+
				120									
Barium nitrate	10022-31-8	$Ba(NO_3)_2$	satura-	20	+	+	+	+	+	+	+	+	+
			ted	40	+	+	+		+	+	+	+	+
			solution	60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Barium salts			all	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	+	+	+	+	+	+	+	+	+
				80		+	+				+		+
				100			+						+
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Barium sulfate	7727-43-7	BaSO4	suspension	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	+	+	+	+	+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Barium sulfide	21109-95-5	BaS	suspension	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+			
				60	+	+	+	+	+	+			
				80		+	+						
				100			+						
				120									
Beer			standard	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	+	+	+	+	+	+	+	+	+
				80		+	+				+	+	+
				100			+						
				120									
Beeswax			standard	20	+	+			+	+	+	+	+
				40	o	o			+	+	+	+	+
				60	o	o			-	+	+	+	+
				80									
				100									
				120									
Beet sugar solution				20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60	+	+	+			+	+	+	+
				80		+	+						+
				100			+						
				120			+						
Benesulfonic acid	98-11-3	C6H5SO3H	technically pure	20	+	+	+		+	+	+	-	+
				40		+	+		+	+	+		+
				60		o	+		+	+	o		+
				80			+						
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Benyl alcohol	100-51-6	C6H5CH2OH	technically pure	20	o	+	+	-	+	+	+	-	-
				40	o	+	+		+	+	+		
				60	o	o	o		o	+	o		
				80			-						
				100									
				120									
Benzal chloride	98-87-3		technically pure	20			+			+			
				40			+			+			
				60			+			+			
				80			o						
				100			-						
				120									
Benzaldehyde	100-52-7	C6H5CHO	saturated solution	20	-	+	+	-	+	+	+	o	+
				40		o	o		+	+	+		+
				60		o	-		o	+	o		+
				80									
				100									
				120									
Benzene	71-43-2	C6H6	technically pure	20	-	o	+	-	o	+	-	-	+
				40		-	o		o	+			-
				60			-		o	+			
				80									
				100									
				120									
Benzene-sulfonic acid	98-11-3	C6H5SO3H	10%	20	+	+	+		+	+	+	-	+
				40		+	+		+	+	+		+
				60		o	+		+	+	o		+
				80			+						
				100			+						
				120									
Benzine		C6H14	standard	20	+	o	+	-	o	+	-	+	o
				40	+	-	+		o	+		+	o
				60	-		+		o	+		+	o
				80			+						
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Benzine, normal			stan-	20	+					+			
			dard	40	+					+			
				60						+			
				80									
				100									
				120									
Benzine, super			stan-	20	o					+			
			dard	40	-					+			
				60						+			
				80									
				100									
				120									
Benzine-Benzene-alloy			80%/20%	20	-	-	+		-	+	-	+	o
				40						+			
				60						+			
				80									
				100									
				120									
Benzoic acid	65-85-0	C6H5COOH	satura-	20	+	+	+	+	+	+	+	+	+
			ted	40	+	+	+	+	+	+	+	+	+
			solution	60	o	+	+		+	+	+	+	+
				80		+	+					+	+
				100			+						o
				120			+						
Beryllium chloride	7787-	BeCl2	satura-	20	+	+	+		+	+	+	+	+
	47-5		ted	40	+	+	+		+	+	+		+
			solution	60	+	+	+		+	+	+		+
				80		+	+						+
				100			+						
				120			+						
Beryllium sulfate	13510-	BeSO4	satura-	20	+	+	+		+	+	+	+	+
	49-1		ted	40	+	+	+		+	+	+		+
			solution	60	+	+	+		+	+	+		+
				80		+	+						+
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Bismuth carbonate				20	+	-					+	-	+
				40							+		
				60							+		
				80									
				100									
				120									
Bonded solution (brass)				20	+	+	+				+	+	+
				40	+	+	+				+		
				60	+	+	+				+		
				80		+	+						
				100			+						
				120									
Bonded solution (cadmium)				20	+	-	+				+	+	+
				40	+		+				+		
				60	+		+				+		
				80			+						
				100			+						
				120			+						
Bonded solution (chrome)				20	+	-	+				+		
				40	+		+				+		
				60	+		+				+		
				80			+						
				100			+						
				120			+						
Bonded solution (copper)				20	+	+	+				+	+	+
				40	+	+	+				+		
				60	+	+	+				+		
				80		+	+						
				100			+						
				120									
Bonded solution (gold)				20	+	-	+				+	+	+
				40	+		+				+		
				60	+		+				+		
				80			+						
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Bonded solution (lead)				20	+	+	+			+	+		+
				40	+	+	+			+			
				60	+	+	+			+			
				80			+						
				100			+						
				120			+						
Bonded solution (nickel)				20	+	+	+			+	+		+
				40	+	+	+			+			
				60	+	+	+			+			
				80			+						
				100			+						
				120			+						
Bonded solution (rhodium)				20	+	+	+			+	+		+
				40	+	+	+			+			
				60	+	+	+			+			
				80			+						
				100			+						
				120			+						
Bonded solution (stannus)				20	+	+	+			+	+		+
				40	+	+	+			+	+		+
				60	+	+	+			+	+		+
				80			+						+
				100			+						
				120			+						
Bone oil			techni-	20	o	+	+		+	+	-	o	+
			cally	40	-	+	+		+	+		-	+
			pure	60		+	+		+	+			+
				80									
				100									
				120									
Borax		Na2B4O7	satura-	20									
			ted	40	look at Disodium tetraborate								
			solution	60									
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Boric acid	11113-50-1	H3BO3	saturated solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+	+	+	+	+	+	+
				80		+	+				+		+
				100			+						+
				120			+						
Brandy			standard	20	look at Ethanol								
				40									
				60									
				80									
				100									
				120									
Brine, containing chlorine			saturated solution	20	+	o	+	-	+	+	o	o	+
				40	+		+			+			
				60	+		o			+			
				80									
				100									
				120									
Bromic acid	10035-10-6	HBrO3	dilution	20	+	+	+	+	+	+	+	o	+
				40	+	+	+	+	+	+	+	-	+
				60	+	o	+		+	+	o		+
				80		o	+				-		o
				100			+						-
				120									
Bromine	7726-95-6	Br2	saturated solution	20	+	-	+	-	-	+	-	-	+
				40	o					+			
				60						+			
				80									
				100									
				120									
Bromine vapoors	7726-95-6		low	20	o	o	+	-	o	+	o	-	-
				40	-	-	+		-	+	-		
				60			+			+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Bromine, gaseous	7726-95-6	Br2	all	20 40 60 80 100 120	- 	- 	+ + + + o	-	-	+ + +	-	-	-
Bromine, liquid	7726-95-6	Br2	technically pure	20 40 60 80 100 120	- 	- 	+ + + + o	-	-	+ + +	-	-	+
Butadiene, 1,3-gaseous	106-99-0	CH2CHCHCH2	technically pure	20 40 60 80 100 120	+ + o	o o -	+ + + + +	-	o -	+ + +	-	o	+ o o
Butane acid	107-92-6	H3CCH2 CH2COOH	technically pure	20 40 60 80 100 120	+	+ + + +	+ + + + o	-	+ + o	+ + +	o	-	o o -
Butane, gaseous	106-97-8	C4H10	technically pure	20 40 60 80 100 120	+	+ + +	+ +	+	+ + +	+ + +	-	o	+
Butanediol, 1,4-	110-63-4	HO(CH2)4OH	technically pure	20 40 60 80 100 120	o					+ + +			

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Butanediol, 1,4- aqueous	110-63-4	HO(CH2)4OH	10%	20	+	+	+	-	+	+	+	+	+
				40	o	+			+	+	+	+	+
				60	-	+			+	+	+	+	+
				80									
				100									
				120									
Butanetriol-1,2,4-	3068-00-6		100%	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	o	+	+		+	+	o	+	o
				80									
				100									
				120									
Butanol,1-	71-36-6	C4H9OH	technically pure	20	+	+	+	-	+	+	+	+	+
				40	+	+	+		+	+	+	+	o
				60	o	o	+		+	+	+	+	-
				80		-	+						
				100			o						
				120									
2-Butene-1,4-diol	110-64-5		technically pure	20	+	+	+		+	+	+	-	+
				40	+	+	+		+	+	+		+
				60	o	+	+		+	+	+		o
				80			+						
				100									
				120									
Butyl acetate				20	look at Butyl acetate								
				40									
				60									
				80									
				100									
				120									
Butyl acetate	123-86-4	CH3(CH2)3O2CCH3	technically pure	20	-	o	+	-	+	+	+	-	o
				40		-	o		-	+	-		-
				60			-			+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Butyl acrylate	141-32-2		techni-	20	-	-	+		+	+	+	-	-
			cally	40			+		o	+	+		
			pure	60			o		o	+			
				80			-						
				100									
				120									
Butyl ether	142-96-1			20	-	o	+	-	o	+	-	+	+
				40		-	+		-	+		o	+
				60			+			+		-	o
				80			+						
				100			+						
				120			+						
Butyl phthalate	ohne CAS		techni-	20	-	o			+	+	-	-	-
			cally	40		o			o	+			
			pure	60		o			o	+			
				80		o							
				100									
				120									
Butyl stearate	123-95-5		techni-	20	+		+			+	+	+	+
			cally	40	+		+			+		+	+
			pure	60	+		+			+		o	+
				80			+						
				100									
				120									
Butylamine	109-73-9		satura-	20	-	-	+			+	-	+	+
			ted	40			o			+			
			solution	60						+			
				80									
				100									
				120									
Butylglycol	111-76-2		techni-	20	-	+	+		+	+		-	-
			cally	40			+			+			
			pure	60			+			+			
				80			o						
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Butylene	123-95-5	H3CCH2CHCH2	technically pure	20 40 60 80 100 120	+ 	- 	+ + 	 	 	- 	+ + + 	o 	+ 	+ +
Butylene glycol	107-88-0		technically pure	20 40 60 80 100 120	+ + o 	+ + + 	+ + + + 	 	 	+ + + 	+ + + 	+ + + 	- 	+ + o
Butylphenol	88-18-6		technically pure	20 40 60 80 100 120	o - 	+ 	 	 	 	+ + + 	+ + + 	 	 	
Butylphenol, p-tertiory	98-54-4		technically pure	20 40 60 80 100 120	o - 	+ 	+ + + + 	- 	 	o 	+ + + 	- 	- 	o
Butyne-1,4-	110-65-6	HOCH2C2 CH2OH	100%	20 40 60 80 100 120	o o 	+ + 	+ + 	 	 	 	+ + + 	+ + 	+ + 	+ +
2-Butyne-1,4-diol	110-65-6		technically pure	20 40 60 80 100 120	o o 	+ 	 	 	 	+ + 	+ + + 	 	 	

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Butyric acid			technically pure	20			look at Butane acid						
				40									
				60									
				80									
				100									
				120									
Butyric acid, aqueous			20%	20			look at Butane acid						
				40									
				60									
				80									
				100									
				120									
Cadmium chloride	10108-64-2	CdCl2	saturated solution	20	+	+			+	+	+		+
				40	+	+			+	+	+		+
				60	+	+			+	+	+		+
				80		+							+
				100									
				120									
Cadmium cyanide	542-83-6	Cd(CN)2	saturated solution	20	+	+			+	+	+		+
				40	+	+			+	+	+		+
				60	+	+			+	+	+		+
				80		+							+
				100									
				120									
Cadmium sulfate	10124-36-4	CdSO4	saturated solution	20	+	+			+	+	+		+
				40	+	+			+	+	+		+
				60	+	+			+	+	+		+
				80		+							+
				100									
				120									
Calcium acetate	62-54-4	Ca(CH3COO)2	saturated solution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80			+				+		+
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM	
Calcium bisulfite			satura-	20	+	+	+	+		+	+	+	+	
			ted	40		+	+	+		+	+	+	+	
			solution	60		+	+			+		+	+	
				80		+	+						+	
				100			+						+	
				120			+							
Calcium bromide	7789-41-5	CaBr2	satura-	20	+	+	+		+	+	+	+	+	
			ted	40	+	+	+		+	+	+	+	+	
			solution	60	+	+	+		+	+	+	+	+	
				80		+	+							
				100			+							
				120										
Calcium carbonate	471-34-1	CaCO3	suspen-	20	+	+	+		+	+	+	o	+	
			sion	40	+	+	+		+	+	+		+	
				60	+	+	+		+	+	+		+	
				80		+	+				+		+	
				100			+							
				120										
Calcium chlorate	10137-74-3	Ca(ClO3)2	satura-	20	+	+	+		+	+	+	+	+	
			ted	40	+	+	+		+	+	+			
			solution	60	+	+	+		+	+	+			
				80			+				+			
				100			+							
				120			+							
Calcium chloride	10043-52-4	CaCl2	satura-	20	+	+	+	+	+	+	+	+	+	
			ted	40	+	+	+	+	+	+	+	+	+	
			solution	60	o	+	+		+	+	+	+	+	
				80		+	+				+	+	+	
				100			+						+	
				120			+						+	
Calcium fluoride	7789-75-5	CaF2	suspen-	20	+	+			+	+				
			sion	40	+	+			+	+				
				60	+	+			+	+				
				80		+								
				100										
				120										

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Calcium hydrogen carbonate		Ca(HCO3)2	satura-ted solution	20 40 60 80 100 120	look at Calcium carbonate								
Calcium hydrogen sulfide		Ca(HS)2	satura-ted solution	20 40 60 80 100 120			+ + + + +			+ + +	+ + +		
Calcium hydroxide	1305-62-0	Ca(OH)2	satura-ted solution	20 40 60 80 100 120	+ + +	+ + + +	o - 	+ + +	+ + +	+ + +	+ + + +	+ + o	+ + + + +
Calcium hypochlorite	7778-54-3	Ca(OCl)2	satura-ted solution	20 40 60 80 100 120	+ + o	+ + +	+ + o o		+ + o	+ + +	+ + +	+ + -	+ + + +
Calcium lactate		Ca(C3H5O3)2	50%	20 40 60 80 100 120	+ + +	+ + + +	+ + + + +		+ + +	+ + +	+ + +		+ + + +
Calcium nitrate 50%	10124-37-5	Ca(NO3)2	50%	20 40 60 80 100 120	+ + +	+ + +	+ + + + +	+ +	+ + +	+ + +	+ + +	+ +	+ + + +

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Calcium nitrate	10124-37-5	Ca(NO3)2	saturated solution	20	+	+	+			+	+		
				40	+	+	+			+	+		
				60	+	+	+			+	+		
				80		+	+						
				100			+						
				120									
Calcium phosphate		Ca3(PO4)2	suspension	20			+				+		
				40			+				+		
				60			+				+		
				80			+						
				100			+						
				120									
Calcium sulfate	7778-18-9	CaSO4	suspension	20	+	+	+			+	+	+		+
				40	+	+	+			+	+	+		
				60	+	+	+			+	+	+		
				80		o	+							
				100			+							
				120										
Calcium sulfide	20548-54-3	CaS	suspension	20	+	+	+			o	+	+	+	+
				40	+	+	+			o	+	+	+	+
				60	+	+	+			o	+	+	+	+
				80		+	+					+	+	+
				100			+							+
				120										
Calcium sulfite		CaSO3	suspension	20	+	+				+	+	+		
				40	+	+				+	+			
				60	+	+				+	+			
				80		+								
				100										
				120										
Camphor	76-22-2			20	-	+	+			+	+	o	+	o
				40		o	+			o	+	-	o	-
				60		o	+			o	+		o	
				80										
				100										
				120										

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Camphor oil			technically pure	20	+	-	+		-	+	-	+	-
				40						+			
				60						+			
				80									
				100									
				120									
Cane sugar				20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60	+	+	+			+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Carbolic acid	108-95-2	C6H5OH	saturated solution	20	+	+	+			+	o	o	o
				40						+			
				60						+			
				80									
				100									
				120									
Carbon dioxide, dry	124-38-9	CO2	technically pure	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	+	+	+	+	+	+	+	+	+
				80		+	+				+		+
				100			+						
				120									
Carbon disulfide	75-15-0	CS2	technically pure	20	-	-	+	-	o	+	-	-	+
				40			o		-	+			o
				60			o			+			o
				80									
				100									
				120									
Carbon disulfide			technically pure	20	look at Carbon disulfide								
				40									
				60									
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Carbon monoxide	630-08-0	CO	technically pure	20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60	+	+	+			+	+	+	+
				80									
				100									
				120									
Carbon tetrachloride	56-23-5	CCl4	technically pure	20	-	-	+	-		-	+	-	-	+
				40			+				+			+
				60			+				+			
				80										
				100										
				120										
Carbonic acid	463-79-6	H2CO3	saturated solution	20	+	+	+			+	+	+	+	+
				40	+	+	+			+	+	+		+
				60	+	+	+			+	+	+		+
				80		+	+					+		+
				100			+							
				120										
Carbonic acid snow	124-38-9		saturated solution	20	+	+				+	+	+	+	+
				40	o	+				+	+	+	+	+
				60	o	+				+	+	+	+	+
				80										+
				100										+
				120										
Caros acid	7722-86-3	H2SO5	saturated solution	20	+	-	+				+	-	-	+
				40							+			
				60							+			
				80										
				100										
				120										
Casein	9000-71-9		technically pure	20	+	+	+			+	+	+		+
				40	+	+	+			+	+	+		+
				60	+	+	+			+	+	+		+
				80			+					+		+
				100			+							
				120			+							

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Caustic natron	1310-73-2			20									
				40			look at Sodium hydroxide						
				60									
				80									
				100									
				120									
Caustic potash	26288-25-5	KOH	60%	20	+	+	-	+	+	+	+	o	-
				40	+	+		+	+	+	+		
				60	+	+		+	+	+	+		
				80		+					o		
				100									
				120									
Caustic soda	1310-73-2			20									
				40			look at Sodium hydroxide						
				60									
				80									
				100									
				120									
Cellosolve	110-80-5	HO(CH2)2OCH2CH3	technically pure	20	-	-	+		-	+	-	-	-
				40			+			+			
				60			+			+			
				80			o						
				100			-						
				120									
Cera alcohol			technically pure	20	+	o	+	-	o	+	+	+	+
				40	+	-	+		-	+	+	+	+
				60	+		+		-	+	+	+	+
				80									
				100									
				120									
Cerium(III) chloride	7790-86-5		saturated solution	20	+					+			
				40	+					+			
				60	+					+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Cesium hydroxide	21351-79-1		50%	20	+						+		
				40	+						+		
				60	+						+		
				80									
				100									
				120									
Cetaceum				20	-	+				+	+	-	+	+
				40							+			
				60							+			
				80										
				100										
				120										
Cetin (Cetaceum grease)				20	-	+				+	+	-	+	+
				40							+			
				60							+			
				80										
				100										
				120										
Chloral	75-87-6		techni-cally pure	20		+				+	+			
				40		+				+	+			
				60		+				+	+			
				80										
				100										
				120										
Chloral hydrate		CCl3CH(OH)2	techni-cally pure	20	-	-	-	-		+	+	o	-	o
				40						+	+			
				60						+	+			
				80										
				100										
				120										
Chloramine	127-65-1		satura-ted solution	20	+	+	+			+	+	+	+	-
				40							+			
				60							+			
				80										
				100										
				120										

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Chlorbenzene	108-90-7	C6H5Cl	technically pure	20 40 60 80 100 120	- 	o 	+ + o - 	- 	o - 	+ + + 	- 	- 	-
Chloric acid	7790-93-4	HClO3	1-20%	20 40 60 80 100 120	+ + o 	- 	+ + + + 	- 	o o o 	+ + + 	o o o o 	- 	+ + +
Chlorinated lime	15944-13-5	Ca1-Cl2-O1	saturated solution	20 40 60 80 100 120	o 	+ 	+ 	 	 	+ + + 	+ 	- 	o
Chlorinated lime-Slurry in water	15944-13-6		all	20 40 60 80 100 120	+ + + 	 	 	 	+ + + 	+ + + 	 	 	
Chlorine (gasous-anhydrous)	7782-50-5	Cl2	technically pure	20 40 60 80 100 120	- 	- 	+ + + + o 	- 	o o - 	+ + + 	o 	- 	+
Chlorine (liquid)	7782-50-5	Cl2	technically pure	20 40 60 80 100 120	- 	- 	+ + 	- 	- 	+ + + 	- 	- 	o

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Chlorine bleaching solution	7681-52-9	NaOCl	saturated solution	20 40 60 80 100 120	look at Sodium hypochlorite								
Chlorine dioxide	10049-04-4	ClO2	technically pure	20 40 60 80 100 120	+	o	+			+	-	-	-
					+	-	+			+			
					+		+			+			
Chlorine ethanol,2-		ClCH2CH2OH	technically pure	20 40 60 80 100 120	look at Ethylene chlorohydrin								
Chlorine methane	74-87-3	ClCH3	technically pure	20 40 60 80 100 120	-	-	+	-	o	+	-	-	-
							+		-	+			
							+			+			
Chlorine water		Cl2*H2O	saturated solution	20 40 60 80 100 120	+	o	o	o	o	+	o	-	+
					+	o	o		o	+			
					o	-	o		-	+			
							o						
							o						
Chlorine(gaseous-moist)	7782-50-5	Cl2	technically pure	20 40 60 80 100 120	-	-	+	-	o	+	o	-	+
							+		o	+			
							+		-	+			
							+						
							o						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Chlorine(gaseous-moist) 1%	7782-50-5	Cl2	1-97%	20	-	-	-	-	-	+	-	-	+
				40						+			
				60						+			
				80									
				100									
				120									
Chloroacetic acid	79-11-8	ClCH2COOH	solution	20	+	+	+	-	+	+	o	-	-
				40	+	+	o		+	+			
				60	o	o	-		o	+			
				80		-							
				100									
				120									
Chloroacetic acid tr	79-11-8	ClCH2COOH	technically pure	20	+	+	+	-	+	+	o	-	-
				40	+	+	o		+	+			
				60	o	o	-		o	+			
				80		-							
				100									
				120									
Chloroethane			technically pure	20	look at Ethyl chloride								
				40									
				60									
				80									
				100									
				120									
Chloroform	67-66-3	CHCl3	technically pure	20	-	-	+		o	+	-	-	o
				40			+		o	+			
				60			+		-	+			
				80			+						
				100									
				120									
1- Chloron-aphthalene				20	look at Ethyl chloride								
				40									
				60									
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
4- Chlorophen-oxyacetic acid	122-88-3	(OC6H5)(Cl) CHCOOH		20	+	+					+	+	+	+
				40							+			
				60							+			
				80										
				100										
				120										
Chlorosulfonic acid	7790-94-5	ClSO3H	techni-cally pure	20	o	-	o	-	-	+	-	-	-
				40	-		-			+			
				60						+			
				80									
				100									
				120									
Choline chloride	67-48-1	[HOCH2CH2Nl (CH3)3]C		20	o	o					+	+	+	+
				40							+			
				60							+			
				80										
				100										
				120										
Chromium alaun	10141-00-1	KCr(SO4)2*12H2O	satura-ted solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100									+
				120									
Chromium(II) chloride	10049-05-5	CrCl2	satura-ted solution	20	+		+			+			
				40	+		+			+			
				60	+		+			+			
				80			+						
				100			+						
				120									
Chromium(III) chloride	10025-73-7	CrCl3	satura-ted solution	20	+		+			+			
				40	+		+			+			
				60	+		+			+			
				80			+						
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Chromium(III) nitrate	13548-38-4	Cr(NO3)3	satura-ted solution	20	+		+			+			
				40	+		+			+			
				60	+		+			+			
				80			+						
				100			+						
				120									
Chromium(III) potassium sulfate		KCr(SO4)2	satura-ted solution	20	look at Chromium alaun								
				40									
				60									
				80									
				100									
				120									
Chromium(III) sulfate	10101-53-8	Cr2(SO4)3	satura-ted solution	20	+		+			+			
				40	+		+			+			
				60	+		+			+			
				80			+						
				100			+						
				120									
Cider			stan-dard	20	+	+	+		+	+	+	+	+
				40		+			+	+			
				60		+			+	+			
				80									
				100									
				120									
Citric acid	7738-94-5	H2CrO4	all	20	o	o	+	-	o	+	o	-	+
				40	o	o	+		o	+	o		+
				60	o	-	+		o	+	o		o
				80			o						
				100			o						
				120			o						
Citric acid	77-92-9		satura-ted solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+	+	+	+	+	o	+
				80		+	+						
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Cleaning solvent				20									
				40	look at Ligroine								
				60									
				80									
				100									
				120									
Coconut fat alcohol			technically pure	20	+	+	+	-	+	+	-	+	+
				40	+	+	+		o	+		+	+
				60	o	o	+			+		+	+
				80									
				100									
				120									
Coconut oil			technically pure	20	+	o	+		+	+	-	+	+
				40	+		+		+	+		+	+
				60	o		+		o	+			+
				80			+						
				100			+						
				120			+						
Codliver oil				20		+				+	o	o	+
				40						+			
				60						+			
				80									
				100									
				120									
Cola syrup				20	+	+	+			+	+		
				40						+			
				60						+			
				80									
				100									
				120									
Common salt			saturated solution	20									
				40	look at Sodium chloride								
				60									
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Compressed air (containing oil)			stan-	20	-	o	+	-	+	+	-	+	+
			dard	40			+		+	+			
				60			+			+			
				80									
				100									
				120									
Converter oil			techni-	20	o	o	-		+	+	-	+	o
			cally	40	o	-			o	+		+	o
			pure	60	o				o	+		+	-
				80									
				100									
				120									
Copper acetate	142-71-2	Cu(CH3COO)2	satura-	20	+	+	+			+	+	o	+
			ted	40						+			
			solution	60						+			
				80									
				100									
				120									
Copper fluoride			satura-	20	+	+	+			+	+	+	+
			ted	40	+	+	+			+			
			solution	60	+	+	+			+			
				80			+						
				100			+						
				120			+						
Copper nitrate			30%	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	o	+
				60	o	+	+		+	+	+	o	+
				80		+	+				+	o	+
				100			+						+
				120									
Copper salt			all	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+	+	+	+		o	+
				80		+	+						+
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Copper sulfat, aqueous	7758-98-7			20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	o	+
				80		+	+						
				100			+						
				120									
Copper(I) chloride	7758-89-6	CuCl	satura-ted solution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Copper(I) cyanide	544-92-3	CuCN	satura-ted solution	20	+	+			+	+			
				40	+	+			+	+			
				60	+	+			+	+			
				80		+							
				100									
				120									
Copper(II) acetate	142-71-2	Cu(CH3COO)2	satura-ted solution	20	+	+	+			+	+	+	+
				40			+			+	+		+
				60			+			+			+
				80			+						
				100			+						
				120			+						
Copper(II) chloride	7447-39-4	CuCl2	satura-ted solution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Copper(II) cyanide		Cu(CN)2	solution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+		+
				80		+	+				+		+
				100			+						+
				120			o						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Copper(II) fluoride	7789-19-7	CuF2	saturated solution	20	+	+	+			+	+	+	+
				40	+	+	+			+	+		+
				60	+	+	+			+	+		+
				80		+	+						
				100			+						
				120			o						
Copper(II) nitrate	3251-23-8	Cu(NO3)2	saturated solution	20	+	+	+		+	+			
				40	+	+	+		+	+			
				60	+	+	+		+	+			
				80		+	+						
				100			+						
				120									
Copper(II) sulfate		CuSO4	saturated solution	20									
				40			look at Copper sulfat						
				60									
				80									
				100									
				120									
Copper-borfluoride				20	+	+	+			+	+	+	+
				40			+			+	+		
				60			+			+	+		
				80			+				+		
				100			+						
				120			+						
Corn oil			technically pure	20	o	+	+	o	+	+	-	+	+
				40		+	+		+	+	-	+	+
				60		o	+		o	+		+	+
				80			+						
				100									
				120									
Cotton seed oil			technically pure	20		+	+			+	+	+	+
				40		+	+			+	+	+	+
				60		+	+			+	+	+	+
				80		+	+				o	+	+
				100			+						+
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Creosote			stan-dard	20	+	-					+	o	-	o
				40							+			
				60							+			
				80										
				100										
				120										
Cresol alloy		C6H4(OH)(CH3)	satura-ted solution	20	o	+	+	-	+	+	o	o	+
				40	o	o	o		+	+		o	+
				60	-	o	o		o	+			
				80			o						
				100									
				120									
Crotonaldehyde	4170-30-3		techni-cally pure	20	-	+	+	-	+	+	+	+	+
				40			o			+			
				60			-		o	+			
				80									
				100									
				120									
Crude oil	8002-05-9			20	+	+	+		+	+	-	+	+
				40	+		+			+			
				60			+			+			
				80			+						
				100			+						
				120			+						
Cyankali	151-50-8			20									
				40	look at Potassium cyanide								
				60									
				80									
				100									
				120									
Cyclanon®				20									
				40	look at Fatty alcohol sulfonate								
				60									
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Cyclohexane	110-82-7	C6H12	technically pure	20	-	+	+	-	+	+	-	+	+
				40			+		+	+			+
				60			+		+	+			
				80			+						
				100									
				120									
Cyclohexanol	108-93-0	C6H11OH	technically pure	20	+	+	+	-	+	+	-	o	+
				40	+	+	+		+	+		-	+
				60	+	o	o		+	+			
				80		-	o						
				100			-						
				120									
Cyclohexanone	108-94-1	C6H10O	technically pure	20	-	+	+	-	+	+	o	-	-
				40		o	o		o	+			
				60		o	-		o	+			
				80		-							
				100									
				120									
Decahydron-aphthalene	91-17-8	C10H18	technically pure	20	+	o			+	+	-	-	+
				40	+	-			o	+			+
				60	+				o	+			+
				80									
				100									
				120									
Decane	124-18-5			20	o		+			+	+	+	
				40	-		+			+			
				60			+			+			
				80			+						
				100									
				120									
Densodrin®			standard	20	+	+	+	o	+	+	+	+	+
				40	+	+			+	+	+	+	+
				60	+	+			+	+	+	+	+
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Detergent			stan-	20	+	+	+	-	+	+	+	+	+
			dard	40	+	+	+		+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80		+	+						
				100			+						
				120									
Dextrin	9004-53-9		stan-	20	+	+	+	+	+	+	+	+	+
			dard	40	+	+	+	+	+	+	+	+	+
				60	+	+	+	+	+	+	+	+	+
				80			+						
				100			+						
				120			+						
Dextrose	50-99-7		20%	20									
				40	look at Glucose								
				60									
				80									
				100									
				120									
Diacetone alcohol	123-42-2	(CH3)2C(OH) CH2COCH3	techni-	20	-	+	+			+	+	-	-
			cally	40		+	+			+			
			pure	60			o			+			
				80			-						
				100									
				120									
Diaminoethane	107-15-3		techni-	20									
			cally	40	look at Ethylene diamine								
			pure	60									
				80									
				100									
				120									
Dibromobenzene 1,3-	108-36-1		techni-	20	-	o	+	-	o	+	o	-	+
			cally	40			+			+			
			pure	60			+			+			
				80			+						
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Dibutyl ether			technically pure	20 40 60 80 100 120			look at Butyl ether						
Dibutyl phthalate	84-74-2	C6H4(COOC4H9)2	technically pure	20 40 60 80 100 120	- 	+ o o 	+ + o 	- 	+ o o 	+ + + 	o o 	- 	o
Dichloroacetic acid	79-43-6		50%	20 40 60 80 100 120	+ + o 	+ + o 	+ o o o o 	- 	+ + o 	+ + + 	+ + + 	- 	o o -
Dichloroacetic acid methyl esters	116-54-1		technically pure	20 40 60 80 100 120	- 	+ + + 	o 	- 	+ + + 	+ + + 	+ + o 	- 	-
Dichloroacetic acid	79-43-6		technically pure	20 40 60 80 100 120	+ + o 	+ + o 	+ o o o o 	- 	+ + o 	+ + + 	+ + + 	- 	o -
Dichlorobenzene 1,2-	95-50-1		technically pure	20 40 60 80 100 120	- 	o 	+ + + o o 	- 	o 	+ + + 	o 	o 	+

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Dichloroethane 1,2-	107-06-2	ClCH2CH2Cl	technically pure	20	look at Ethyl chloride								
				40									
				60									
				80									
				100									
				120									
Dichloroethylene	75-35-4	Cl2CHCH3	technically pure	20	-	-	+	-	-	+	-	-	o
				40			+			+			
				60						+			
				80									
				100									
				120									
Dichloromethane	75-09-2		technically pure	20	look at Methylene(di) chloride								
				40									
				60									
				80									
				100									
				120									
Diesel oil	68476-34-6		standard	20	+	o	+	-	+	+	-	+	+
				40	+	o	+		o	+		+	+
				60		o	+		o	+			
				80			+						
				100			+						
				120			+						
Diethanolamine	111-42-2		technically pure	20		+			+	+			
				40						+			
				60						+			
				80									
				100									
				120									
Diethyl ether	60-29-7	CH3CH2O CH2CH3	technically pure	20	look at Ether								
				40									
				60									
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Diethylenetriami-nepentaacetate	140-01-2		stan-dard	20		+			o	+			
				40		+			o	+			
				60		+				+			
				80		+							
				100									
				120									
Diglycol acid			30%	20	+	+	+	+	+	+	+	+	o
				40	+	+			+	+		+	
				60	o	+			+	+		+	
				80									
				100									
				120									
Dihexyle phthalate			techni-cally pure	20	-	+	+		o	+	+	-	-
				40		o	+		o	+	+		
				60		o	+		o	+	+		
				80			+						
				100			+						
				120			+						
Diiethylamine	111-42-2		techni-cally pure	20		+			+	+			
				40						+			
				60						+			
				80									
				100									
				120									
Diisobutyl ketone	108-83-8		techni-cally pure	20	-	+	+	-	+	+	o	-	-
				40		o	o		o	+	o		
				60		-	o		-	+			
				80			o						
				100			o						
				120			o						
Diisobutylene			techni-cally pure	20	+	-	+		-	+	-	+	+
				40			+			+			+
				60			+			+			+
				80			+						
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Diisooctyl ester phthalic acid	27554-26-3		technically pure	20 40 60 80 100 120		+ o o			+ + o	+ + +			
Diisopropyl ether	108-20-3		technically pure	20 40 60 80 100 120	-	o -	+ + o -	-	o -	+ + +	o	-	-
Diisopropyl ketone	108-20-3		technically pure	20 40 60 80 100 120	-	o -	+ + o -	-	o -	+ + +	o	-	-
Dimethyl formamide	68-12-2	HCON(CH3)2	technically pure	20 40 60 80 100 120	-	+ + +	-	-	+ + o	+ + +	o o o	o -	-
Dimethylamine	124-40-3	(CH3)2NH	technically pure	20 40 60 80 100 120	-	-	-	-	+ o o	+ + +	o o o	-	-
Dimethylaniline N,N-	121-69-7		technically pure	20 40 60 80 100 120	-	+	+ o -	-	+	+ + +	-	-	

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Di-n-butyl sebacate	109-43-3	(C4H9COO)(CH2)8(OOC4H9)	technically pure	20 40 60 80 100 120	-	+ o o	+ + o -	-	+ o o	+ + +	o o o	-	-
Dinonyle phthalate			technically pure	20 40 60 80 100 120	-	+ o o	+	-	+ + o	+ + +	o	-	o
Dioctyle phthalate	117-84-0	C6H4(COOC8H17)2	technically pure	20 40 60 80 100 120	-	+ -	+ + o	-	+ + o	+ + +	+ + +	-	o -
Dioxane 1,3-	505-22-6	C4H8O2	technically pure	20 40 60 80 100 120	-	o o o -	-	-	+ + +	+ + +	o o o	o -	-
Diphenyl oxide	101-84-8			20 40 60 80 100 120	-	-				+ + +	-	-	-
Disodium hexafluorosilicate	16893-85-9			20 40 60 80 100 120	+ + +	+ + +	+ + + + + +			+ + +	+ + +		+ + +

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Disodium tetraborate	1332-28-1	Na2B4O7	saturated solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80		+	+				+		+
				100			+						
				120									
Dodecyl benzene-sulfonic acid	25155-30-0			20	+	o				+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									
Dutch lime			standard	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80			+						
				100			+						
				120			+						
Edible oil			standard	20	+	o	+			+	-	o	o
				40	+					+			
				60						+			
				80									
				100									
				120									
Emissions, containing sulphur dioxide			low	20	+	+	+		+	+	+	o	+
				40	o	+	+		+	+	+	-	+
				60		+			+	+	+		+
				80		+					+		+
				100									+
				120									
Emissions, containing sulphuric acid			all	20	+	+	+		+	+	+	o	+
				40	+	+	+		+	+	+	-	+
				60	+	o	+		+	+	+		+
				80			+				o		+
				100			+						+
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Emissions, containing alkaline			low	20	+	+	o		+	+	+	+	+
				40	+	+	o		+	+	+	+	+
				60	+	+	-		+	+	+	+	+
				80		+					+		o
				100									-
				120									
Emissions, containing carbon dioxide			all	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+				+	+	+
				120			+						
Emissions, containing carbon monoxide			all	20	+	+	+		+	+	+	+	+
				40	+	+			+	+	+	+	+
				60	+	+			+	+	+	+	+
				80									
				100									
				120									
Emissions, containing hydrochloric acid			all	20	+	+	o		+	+	+	o	+
				40	+	+	+		+	+	+	-	+
				60	+	o	+		+	+	+		+
				80			+				o		+
				100			+						+
				120			+						
Emissions, containing hydrogen fluoride			low	20	+	+	+		+	+	o	+	+
				40	+	+	+		+	+	o	o	+
				60	+	+	+		+	+	o	-	+
				80		+	+						
				100			+						
				120									
Emissions, containing nitrous gases			traces	20	+	o	+		+	+	+	o	+
				40	+	o	+		o	+	o	-	+
				60	+	o	+		o	+	o		+
				80			+				o		+
				100			+						o
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Emissions, containing sulphuric trioxide			traces	20	+	+	+		+	+	+	o	+
				40	+	+	+		+	+	+	-	+
				60	o	o	+		+	+	+		+
				80		+	+			o			
				100			+						
				120									
Epichlorhydrin	106-89-8		techni-	20	-	-	o		+	+	-	-	-
			cally	40			-		+	+			
			pure	60					+	+			
				80									
				100									
				120									
Essential oils			techni-	20	+	+	+		+	+	+	+	+
			cally	40	+	+	+		+	+			
			pure	60	+		+			+			
				80			+						
				100			+						
				120			+						
Ethanol	64-17-5			20									
				40				look at Ethanol					
				60									
				80									
				100									
				120									
Ethanol	64-17-5	CH3CH2OH	techni-	20	+	+	+	-	+	+	+	o	+
			cally	40	+	+	o		+	+	+		o
			pure	60	o	+	-		+	+	+		o
				80		+							
				100									
				120									
Ethanol 40%	64-17-5	CH3CH2OH	40%	20	+	+	+	-	+	+	+	o	+
				40	+	+	o		+	+	+		o
				60	o	+	-		+	+	+		o
				80		+							
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Ethanol+ Acetic acid		CH3CH2OH + CH3COOH	stan-dard	20 40 60 80 100 120	o o o	+	+ + + o	-	+ + +	+ + +	o o	o o	o o o
Ether	60-29-7	CH3CH2O CH2CH3	techni-cally pure	20 40 60 80 100 120	-	-	-	-	o	+ + +	-	-	-
Ethyl acetate	141-78-6	CH3CO2CH2CH3	techni-cally pure	20 40 60 80 100 120	-	+ o o -	+	-	+	+ + +	+	o	o
Ethyl acrylate	140-88-5			20 40 60 80 100 120	look ar Ethyl acrylate								
Ethyl benzene	100-41-4	C6H5CH2CH3	techni-cally pure	20 40 60 80 100 120	-	o -	o o	-	o -	+ + +	-	-	+
Ethyl chloride	75-00-3	CH3CH2Cl	techni-cally pure	20 40 60 80 100 120	-	o -	o o o o o	-	o	+ + +	-	-	o

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Ethyl ether			technically pure	20 40 60 80 100 120	look at Ether								
Ethyl formate	109-94-4	HCOOCH2CH3	technically pure	20 40 60 80 100 120	-	o	+			+ + +	o	-	-
2-Ethylhexanol-1	104-76-7			20 40 60 80 100 120	+ + +	+	+ + + +		+ + +	+ + +		-	
Ethylene	74-85-1	CH2CH2	technically pure	20 40 60 80 100 120	+	+	+			+ + +	-	+	+
Ethylene chloride	107-06-2	ClCH2CH2Cl	technically pure	20 40 60 80 100 120	-	-	+ + + o -	-	-	+ + +	-	-	+ + o
Ethylene chlorohydrin	107-07-3	ClCH2CH2OH	TR	20 40 60 80 100 120	-	+ + +	+ o o		+ + +	+ + +	-	-	o

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Ethylene diamine	107-15-3	NH2CH2CH2NH2	technically pure	20	o	+	o	-	+	+	+	+	o
				40		+	o		+	+	+	o	o
				60		+	-		+	+	+	-	-
				80									
				100									
				120									
Ethylene dibromide	106-93-4	CH2CHBr	technically pure	20	-	-	+			+	-	-	-
				40			+			+			
				60			+			+			
				80			+						
				100			+						
				120			+						
Ethylene dichloride	107-06-2		technically pure	20									
				40			look at Ethylene chloride						
				60									
				80									
				100									
				120									
Ethylene dichloride	107-06-2		technically pure	20									
				40			look at Ethylene chloride						
				60									
				80									
				100									
				120									
Ethylene dinitril-otetraacetic acid	60-00-4	C2H4N2 (CH2COOH)4	standard	20		+	+		+	+	+		
				40		o			o	+			
				60						+			
				80									
				100									
				120									
Ethylene glycol	107-21-1		technically pure	20									
				40				look at Glycol					
				60									
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Ethylene glycol 50%	107-21-1	HOCH2CH2OH	50%	20	+	+	+	o	+	+	+	+	+
				40	+	+	+	o	+	+	+	+	+
				60	+	+	+		+	+	+	o	+
				80		+	+				+		o
				100			+						
				120			+						
Ethylene oxide	75-21-8	CH2CH2O	techni-	20	-	-	+	-	-	+	-	-	-
			cally	40			+			+			
			pure	60			+			+			
				80			o						
				100									
				120									
Fatty acid	67701-01-3	>C6	techni-	20	+	+	+	-	+	+	o	+	+
			cally	40	+	+	+		+	+	o	+	o
			pure	60	+	o	+		o	+	o	+	o
				80			+						
				100									
				120									
Fatty alcohol	95370-70-0 und 6772-25-8			20	+	o				+	o	+	+
				40						+			
				60						+			
				80									
				100									
				120									
Fatty alcohol sulfonate			satura-	20	+	+	+		+	+	+	+	+
			ted	40	+	+	+		+	+	+	+	+
			solution	60	o	o	+		+	+	+	+	+
				80			+						
				100			+						
				120									
Fenitrothion	122-14-5			20	-	+	+			+	+	o	+
				40		+	+			+	+		+
				60		+	+			+	+		+
				80			+						
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Fertilise salt			satura-	20	+	+	+	o	+	+	+	+	+
			ted	40	+	+	+		+	+	+	+	+
			solution	60	o	+	+		+	+	+	+	+
				80		o	+						+
				100			+						+
				120									
Fertiliser			satura-	20	+	+			+	+	+	+	+
			ted	40	+	+			+	+	+	+	+
			solution	60	+	+			+	+	+	+	+
				80		+					+	+	+
				100									+
				120									
Fluoric gas, moist			techni-	20	o	o	+		-	+	+		+
			cally	40	o	o	+			+	+		+
			pure	60	o	o	+			+	+		+
				80			+						
				100			+						
				120			+						
Fluorine	7782-41-4	F2	techni-	20	-	-	-	-	-	o	-	-	-
			cally	40									
			pure	60									
				80									
				100									
				120									
Fluoroboric acid	16872-11-0	HBF4		20	+	o	+		o	+	+	+	+
				40		o			o	+			
				60						+			
				80									
				100									
				120									
Fluorosilicic acid	16961-83-4		32%	20	+	+	+		+	+			
				40	+	+	+		+	+			
				60	+	+	o		+	+			
				80			o						
				100			o						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Fluorosilicic acid	16961-83-4		32%	20	+	+	+		+	+			
				40	+	+	+		+	+			
				60	+	+	o		+	+			
				80			o						
				100			o						
				120									
Formaldehyde solution	50-00-0	HCHO	40%	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	+	+	+	+	+	+	+	o	+
				80			+						
				100									
				120									
Formamide	75-12-7	HCONH2	techni-	20	-	+	+	-	+	+	+	+	o
			cally	40		+	+		+	+			
			pure	60		+	+		+	+			
				80									
				100									
				120									
Formic acid solution	64-18-6	HCOOH	techni-	20	+	+	+	-	+	+	+	-	+
			cally	40	o	o	+		+	+	+		
			pure	60	-	-	+		+	+	o		
				80			+				o		
				100			+						
				120									
Formic acid solution 50%	64-18-6	HCOOH	until	20	+	+	+	o	+	+	+	-	+
			50 %	40	+	+	+		+	+	+		+
				60	o	o	+		+	+	o		o
				80			+						-
				100			+						
				120									
Formol			diluted	20	look at Formaldehyde solution								
				40									
				60									
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Freon 11	75-69-4			20	+					+			
				40	+					+			
				60	+					+			
				80									
				100									
				120									
Freon 113	76-13-1	Cl3FCCClF3		20	-	-	+			+	-	+	-
				40						+			
				60						+			
				80									
				100									
				120									
Freon 114	76-14-2			20	+		+			+	o	+	+
				40			+			+			+
				60			+			+			
				80			+						
				100			+						
				120									
Freon 21	75-43-4			20	-		+			+	o	-	o
				40			+			+			-
				60			+			+			
				80			+						
				100			+						
				120									
Frigen 12	75-71-8		techni-	20	+	-	o	-	-	+	o	o	o
			cally	40						+			
			pure	60						+			
				80									
				100									
				120									
Frigen 22	75-45-6	CHClF2		20	-	-	+			+	-	-	-
				40			+			+			
				60			+			+			
				80			+						
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Frigen 23	75-45-7	CHF3		20	+	-	o			+	-	+	o
				40						+			
				60						+			
				80									
				100									
				120									
Frigen 502		C6H12O		20	-	o	o			+	-	-	-
				40						+			
				60						+			
				80									
				100									
				120									
Fructose	57-48-7		stan-	20	+	+				+	+	+	
			dard	40		+				+	+		
				60		+				+	+		
				80		+							
				100		+							
				120									
Fruit juice			stan-	20	+	+	+	+	+	+	+	+	+
			dard	40	+	+	+	+	+	+	+	+	+
				60	+	+	+	+	+	+	+	+	+
				80		+	+				+	+	+
				100			+					+	+
				120			+						+
Fruit pulp			stan-	20	+	+	+	+	+	+	+	+	+
			dard	40		+		+	+	+			
				60		+			+	+			
				80									
				100									
				120									
Fruit wine			stan-	20	+	+	+	+	+	+	+	+	+
			dard	40			+	+		+			
				60			+			+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Fuel oil			stan-	20	+	o	+	-	+	+	-	+	+
			dard	40	+	-	+		o	+		+	+
				60			+		o	+		+	+
				80			+						
				100			+						
				120									
Furfurol	98-01-1		techni-	20	-	o	+			+	+	-	+
			cally	40		-	o			+	+		+
			pure	60			-			+	+		o
				80							+		
				100									
				120									
Furfuryl alcohol			techni-	20	-	+	+	-	+	+	o	-	-
			cally	40		o	+		+	+	o		
			pure	60		o	o		+	+			
				80			-						
				100									
				120									
Furmaric acid	110-17-8	C2H2(COOH)2	satura-	20			+			+			
			ted	40			+			+			
			solution	60			+			+			
				80			+						
				100									
				120									
Gallic acid	149-91-7	C6H2(OH)3COO	satura-	20	+		+			+	+	+	+
		H	ted	40	+		+			+			
			solution	60	+		+			+			
				80			+						
				100			+						
				120									
Gas oils	64742-			20	+	o	+		+	+	-	+	+
	79-6			40	-	-	+			+		+	+
				60			+			+		+	+
				80			+					+	+
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Gas water				20	o			+			+	-	+	+
				40	o			+			+		+	+
				60				+			+			o
				80				+						
				100										
				120										
Gasoline			techni-	20										
			cally	40				look at Benzine						
			pure	60										
				80										
				100										
				120										
Gelatin	9000-70-8		stan-	20	+	+	+	+	+	+	+	+	+
			dard	40	+	+	+	+	+	+	+	+	+
				60		+	+	+	+	+	+	+	+
				80		+	+						
				100									
				120									
Generator gas				20	+	+	+			+	-		
				40	+	+	+			+			
				60	o	+	+			+			
				80		o	+						
				100			+						
				120			+						
Gin				20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60	+	+	+			+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Glucose	123-42-2	C6H12O6	satura-	20	+	+	+	+	+	+	+	+	+
			ted	40	+	+	+	+	+	+	+	+	+
			solution	60	o	+	+	+	+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Glucose	123-42-2	C6H12O6	satura-	20	+	+	+	+	+	+	+	+	+
			ted	40	+	+	+	+	+	+	+	+	+
			solution	60	o	+	+	+	+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Glycerol	56-81-5	C3H5(OH)3	techni-	20	+	+	+	+	+	+	+	+	+
			cally	40	+	+	+	+	+	+	o	+	+
			pure	60	+	+	+		+	+	o	+	o
				80		+	+				o	o	-
				100			+						
				120			+						
Glycerol triacetate	106-89-8			20	o				+	+	+	-	o
				40	o				+	+	+		o
				60	o				+	+	+		o
				80									
				100									
				120									
Glycine	56-40-6		10%	20									
				40		look at Aminoacetic acid							
				60									
				80									
				100									
				120									
Glycocoll	56-40-6	NH2CH3CHCO2H	10%	20									
				40		look at Aminoacetic acid							
				60									
				80									
				100									
				120									
Glycol	107-21-1	HOCH2CH2OH	techni-	20	+	+	+	-	+	+	+	+	+
			cally	40	+	+	+		+	+	+	+	+
			pure	60	+	+	+		+	+	+	o	+
				80		+	+				+		o
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Glycolethylether	123-91-1	HO(CH2)2OCH2CH3		20	-	-	+			+	-	-	-
				40						+			
				60						+			
				80									
				100									
				120									
Glycolic acid 30%	79-14-1	HOCH2COOH	30%	20	+	+	+		+	+	+	+	+
				40	+	+			+	+			
				60	+	o			+	+			
				80									
				100									
				120									
Glycolic acid 37%	79-14-1	HOCH2COOH	37%	20	+	+	+	+	+	+	+	+	+
				40			+	+	+	+			
				60			+		+	+			
				80			+						
				100			+						
				120									
Ground nut oil			techni-	20	+	+	+		+	+			
			cally	40	+	+	+		+	+			
			pure	60		o	+		+	+			
				80			+						
				100			+						
				120			+						
Heavy oil				20	+	-				+	-	+	-
				40						+		+	
				60						+		+	
				80								+	
				100									
				120									
Helium	7440-59-7	He		20	+	+	+			+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Heptane	142-82-5			30	o	o	+		o	+		+	+
				40	o	o	+		o	+		+	+
				60	o	o	+		-	+		+	+
				80			+						
				100			+						
				120									
Hexa Fluorosilic acid	16961-83-4	H2SiF6	40%	20									
				40			look at Fluorosilicic acid						
				60									
				80									
				100									
				120									
Hexachlor-obutadiene	87-68-3	C4Cl6	techni-cally pure	20			+			+	-	-	+
				40			+			+			
				60			+			+			
				80			+						
				100									
				120									
Hexadecanol 1,-	36653-82-4		techni-cally pure	20	+					+			
				40	+					+			
				60	+					+			
				80									
				100									
				120									
Hexamethyl-enetetramine	100-97-0			20	+	+				+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									
Hexane	110-54-3		techni-cally pure	20	+	o	+	-	+	+	-	+	+
				40		o	+		o	+		+	+
				60		o	+		o	+		+	+
				80		-	+						
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Hexanetriol 1,2,6-	106-69-4		technically pure	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80		o	+				o	-	+
				100			+						
				120			+						
Hexyl alcohol	111-27-3		technically pure	20	+	+	+			+	+	+	+
				40	+		+			+	+	+	+
				60	+		+			+	o	+	+
				80			+				-		+
				100									+
				120									
Humic acid	1415-93-6			20	+	+				+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									
Hydrazine	302-01-2		100%	20	+	+	-	-	+	+	+	-	o
				40	+	+			+	+			
				60		+			+	+			
				80									
				100									
				120									
Hydrazine hydrate		N2H4*2H2O	24%	20	look at Hydrazine								
				40									
				60									
				80									
				100									
				120									
Hydrobromic acid solution	10035-10-6	HBr	50%	20	look at Bromic acid								
				40									
				60									
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Hydrochloric acid 10%	7647-10-0	HCl	10%	20	+	+	+	+	+	+	+	o	+
				40	+	+	+	+	+	+	+	-	+
				60	o	o	+		+	+	+		+
				80		o	+				+		+
				100			+						
				120			+						
Hydrochloric acid 20%	7647-10-0	HCl	until 20%	20	+	+	+	o	+	+	+	-	+
				40	+	o	+	-	+	+	+		+
				60	o	o	+		+	+	o		o
				80		-	+						
				100			+						
				120									
Hydrochloric acid 30%	7647-10-0	HCl	30%	20	+	+	+	o	+	+	+	-	+
				40	+	o	+	-	+	+	+		+
				60	o	o	+		+	+	o		o
				80		-	+						
				100			+						
				120									
Hydrochloric acid 37%	7647-10-0	HCl	37%	20	+	o	+	-	+	+	+	-	+
				40	+	o	+		+	+	o		+
				60	o	o	+		+	+	-		-
				80		o	+						
				100			o						
				120									
Hydrochloric acid 5%	7647-10-0	HCl	5%	20	+	+	+	+	+	+	+	o	+
				40	+	+	+	+	+	+	+	-	+
				60	o	+	+		+	+	+		+
				80		o	+				+		+
				100			+						
				120			+						
Hydrocyanic acid	74-90-8	HCN	aqueous	20	+	+	+	-	+	+	+	o	+
				40	+	+	+		+	+	o	-	o
				60	o	+	+		+	+	o		o
				80			+						
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Hydrofluoric acid	7664-39-3	HF	aqueous	20	o	o	+		+	+	-	-	-
				40					+	+			
				60					+	+			
				80									
				100									
				120									
Hydrofluoric acid 10%	7664-39-3	HF	10%	20	+	+	+		+	+	o	-	+
				40	o	+	+		+	+	-		+
				60	o	+	+		o	+			+
				80			+						
				100			+						
				120									
Hydrofluoric acid 40%	7664-39-3	HF	40%	20	+	+	+	-	+	+	o	-	+
				40	o	+	+		+	+			+
				60	o	+	+		o	+			o
				80			+						
				100			+						
				120									
Hydrofluoric acid 70%	7664-39-3	HF	70%	20	o	+	+		+	+	o	-	+
				40	-	o	+		o	+			
				60		o	+		o	+			
				80			+						
				100			+						
				120									
Hydrogen	1333-74-0	H2	technically pure	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	+	+	+	+	+	+	+	+	+
				80			+				+	+	+
				100			+						+
				120									
Hydrogen bromide solution	10035-10-6		48%	20	look at Bromic acid								
				40									
				60									
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Hydrogen chloride (moist)	7647-01-0	HCl	technically pure	20	+	+			+	+			
				40	+	+			+	+			
				60		+			+	+			
				80									
				100									
				120									
Hydrogen chloride (anhydrous)	7647-01-0	HCl	technically pure	20	+	+	+	-	+	+	+	o	+
				40	+	+	+		+	+	+	-	+
				60	o	+	+		+	+	+		+
				80			+						
				100			+						
				120									
Hydrogen cloride (gaseous)	7647-01-0	HCl	technically pure	20	+	+	+	-	+	+	+	o	+
				40	+	+	+		+	+	+	-	+
				60	o	+	+		+	+	+		+
				80			+						
				100			+						
				120									
Hydrogen cyanide	74-90-8		technically pure	20	look at Hydrocyanic acid								
				40									
				60									
				80									
				100									
				120									
Hydrogen fluoride	7664-39-3		technically pure	20	look at Hydrofluoric acid 70 %								
				40									
				60									
				80									
				100									
				120									
Hydrogen iodide and -acid		HI	saturated solution	20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60			+			+			
				80			+						
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Hydrogen peroxide 10%	7722-48-1	H2O2	10%	20	+	+	+	-	+	+	+	o	+
				40	+	+	+		+	+	o	-	o
				60	o	+	+		+	+	-		-
				80			+						
				100			+						
				120			+						
Hydrogen peroxide 30%	7722-48-1	H2O2	30%	20	+	+	o	-	+	+	o	-	+
				40	+	+	o		+	+			+
				60	+	o	o		+	+			o
				80			o						-
				100			o						
				120									
Hydrogen peroxide 70%	7722-48-1	H2O2	70%	20	+			-	o	+	-	-	o
				40	+					+			
				60						+			
				80									
				100									
				120									
Hydrogen peroxide 90%	7722-48-1	H2O2	90%	20	+	-	o	-	o	+	-	-	o
				40	o				o	+			
				60	o				-	+			
				80									
				100									
				120									
Hydrogen sulfide SS	7783-06-4	H2S	satura-ted solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	-	o	+
				60	o	+	+		o	+		-	o
				80			+						-
				100			+						
				120			+						
Hydrogen sulfide TP	7783-06-4	H2S	techni-cally pure	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	-	o	+
				60	o	+	+		o	+		-	o
				80			+						-
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Hydrogen superoxide				20									
				40		look at Hydrogen peroxide							
				60									
				80									
				100									
				120									
Hydroquinone	123-31-9	C6H4(OH)2	satura-	20	+	+	+		+	+	+	+	+
			ted	40	+	+	+		+	+			+
			solution	60	+	+	+		+	+			
				80		+	+						
				100									
				120									
Hydroxylamine sulfate	10039-54-0	(NH3OH)2SO4	all	20	+	+	+	-	+	+	+	+	+
				40	+	+	+		+	+	+	o	+
				60		+	+		+	+			
				80									
				100									
				120									
Hydroxyl-ammonium sulfate		(NH2OH)2*H2SO4	12%	20									
				40		look at Hydroxylamine sulfate							
				60									
				80									
				100									
				120									
Illuminating gas			stan-	20	+	+	+	+	+	+	-	+	+
			dard	40						+			
				60						+			
				80									
				100									
				120									
Iodine + potassium iodide		I2+KI	3%	20	+	+	+	-	+	+	+		+
				40			+			+			
				60			+			+			
				80			+						
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Iodine gaseous and dissolved			all	20	-	+	+	-	o	+	-		+
				40		+	+			+			
				60		+	+			+			
				80		+	+						
				100			+						
				120			+						
Iodine tincture			6,5%	20	-	+	+		+	+	+	+	+
			Iodine in	40		o	+		+	+			+
			Ethanol	60		o	+		o	+			+
				80									
				100									
				120									
Iron salt			all	20	+	+	+	+	+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Iron sulfide				20	+	+	+	+	+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						
				120			+						
Iron(II) chloride	7758-94-3	FeCl2	satura-	20	+	+	+	+	+	+	+	+	+
			ted	40	+	+	+		+	+	+	+	+
			solution	60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Iron(III) chloride	7705-08-0	FeCl3	satura-	20	+	+	+	+	+	+	+	+	+
			ted	40	+	+	+		+	+	+	+	+
			solution	60	o	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Iron(II) nitrate	14013-86-6	Fe(NO3)2	saturated solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Iron(II) sulfate	7720-78-7	FeSO4	saturated solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Iron(III) chloride sulfate	12410-14-9	FeClSO4	saturated solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Iron(III) nitrate	10421-48-4	Fe(NO3)3	solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Iron(III) sulfate	10028-22-5	Fe2(SO4)3	saturated solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120									
Iso- butanol	78-83-1	(CH3)2CHCH2OH	technically pure	20	-	+	+		+	+	+	o	+
				40					+	+			
				60					+	+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Isoamyl alcohol	123-51-3		technically pure	20 40 60 80 100 120						+ + o	+ + +		
Isobutyl methyl ketone	108-10-1			20 40 60 80 100 120	-		+ - 	-	-	+ 	+ + +	+	-	-
Isobutyle acetate	110-19-0		technically pure	20 40 60 80 100 120	-		+	+		+	+ + +	+	-	-
Isooctane	26635-64-3	CH3C(CH3)2CH2CH(CH3)CH3	technically pure	20 40 60 80 100 120	+		+ + o -	- + + + +	-	+ o o	+ + +	-	+	+
Isopropanol	67-63-0	CH3CH(OH)CH3	technically pure	20 40 60 80 100 120	look at Propanol, 2-									
Isopropyl ehter			technically pure	20 40 60 80 100 120	look at Diisopropyl ether									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Jam				20	+	+	+	+	+	+	+	+	+
				40	o	+	+	+	+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80		+	+				+		+
				100			+						
				120			+						
Kerosene				20	+	o	+			+	-	+	+
				40		o	+			+			
				60		o	+			+			
				80									
				100									
				120									
Lactic acid 10%	50-21-5		10%	20	+	+	+	+	+	+	+	-	+
				40	o	+	+	o	+	+	+		o
				60	-	+	o	-	+	+	o		o
				80		+	o				-		o
				100			-						
				120									
Lactic acid 90%	50-21-5		90%	20	+	+	o		+	+	o	-	o
				40	o	+	o		+	+	o		o
				60	-	+	o		+	+	o		o
				80		+	o		o				o
				100					o				
				120									
Lake water			stan-	20									
			dard	40	look at Sea water								
				60									
				80									
				100									
				120									
Lanolin	8006-54-0		techni-	20	+	+	+	+	+	+	o	+	+
			cally	40	o	+	+	+	o	+	-	+	+
			pure	60	o	o	+	+	o	+		+	+
				80			+						
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM	
Lard				20		+	+			+	-	+		
				40		+				+				
				60		+				+				
				80										
				100										
				120										
Lead carbonate (Lead-(II)-carbonate)	598-63-0	Pb(OH)2*2PbCO3	stan-dard	20	+	+	+			+	+	+	+	+
				40	+	+	+			+	+	+		+
				60	+	+	+			+	+	+		+
				80			+							+
				100			+							
				120										
Lead chloride (Lead-(II)-chloride)	7758-95-4			20	+	+	+			+	+	+	+	+
				40	+	+	+			+	+	+	+	+
				60	+	+	+			+	+	+	+	+
				80			+					+	+	+
				100			+							+
				120			+							
Lead sulfate (Lead-(II)- sulfate)	7446-14-2	PbSO4	suspen sion	20	+	+	+			+	+	+	+	+
				40	+	+	+			+	+	+	+	+
				60	+	+	+			+	+	+	+	+
				80		+	+					+	+	+
				100			+							+
				120			+							
Lead tetraethyl	78-00-2	Pb(CH2CH3)4	techni-cally pure	20	+	+	+	-		+	+	o	+	+
				40							+			
				60							+			
				80										
				100										
				120										
Lead-(II)-acetate	6080-56-4	Pb(CH3COO)2	satura-ted solution	20	+	+	+	+		+	+	+	+	+
				40	+	+	+	+		+	+	+	+	+
				60	+	+	+	+		+	+	+	+	+
				80		o	+				+	o	+	
				100			+							-
				120										

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Lead-(II)-nitrate	10099-74-8	Pb(NO3)2	satura-ted solution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120									
Ligroine	8032-32-4		techni-cally pure	20	+	o	+	-	+	+	-	+	+
				40	+	o	+		o	+		o	+
				60	+	o	+		o	+		-	o
				80			+						
				100			+						
				120									
Lime			all	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						
				120			+						
Linolic acid	60-33-3	C17H31COOH	techni-cally pure	20	+	-	+			+	-	o	o
				40	+		+			+			
				60	+		+			+			
				80			+						
				100			+						
				120			+						
Linseed oil			techni-cally pure	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	-	+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80		+	+					o	+
				100			+						+
				120			+						
Linseed oil	8001-26-1			20	+	+	+			+	+	+	+
				40	+	+	+			+			+
				60	+	+	+			+			
				80		+	+						
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Liqueur			stan-	20	+	+	+		+	+	+	+	+
			dard	40	+		+		+	+	+		
				60			+			+	+		
				80			+						
				100									
				120									
Liquid fertiliser			stan-	20		+				+	+		
			dard	40		+				+	+		
				60		+				+	+		
				80		+							
				100									
				120									
Lithium bromide	7550-35-8	LiBr	60%	20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60	o	+	+			+	+	+	+
				80		o	+				+	+	+
				100			+						+
				120			+						
Lithium chloride	7447-41-8	LiCl	satura-	20	+	+	+			+	+	+	+
			ted	40	+	+	+			+	+	+	+
			solution	60	+	+	+			+		+	+
				80		+	+					+	+
				100			+						
				120			+						
Lithium sulfate	10102-25-7	Li2SO4	satura-	20	+	+	+			+	+	+	+
			ted	40	+	+	+			+	+		
			solution	60	+	+	+			+	+		
				80		o	+				+		
				100			+						
				120			+						
Lube oil				20	+	o	+	-	+	+	-	+	+
				40	+		+		+	+		+	+
				60	+		+		o	+		o	+
				80			+					-	o
				100			+						-
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Machine oil			technically pure	20	+	+	+		+	+	-	+	+
				40	+	o			o	+			
				60	+	o			-	+			
				80		-							
				100									
				120									
Magnesium bisulfite			all	20	+	+	+			+	+	+	+
				40	+	+	+			+	+		
				60	+		+			+	+		
				80			+				+		
				100			+						
				120			+						
Magnesium carbonate	546-93-0	MgCO3	suspension	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Magnesium chloride	7786-30-3	MgCl2	saturated solution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120									
Magnesium hydrogencarbonate		Mg(HCO3)2	suspension	20	+	+			+	+			
				40	+	+			+	+			
				60	+	+			+	+			
				80		+							
				100									
				120									
Magnesium hydroxide	1309-42-8	Mg(OH)2	saturated solution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Magnesium nitrate	10377-60-3	Mg(NO3)2	satura-ted solution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80		o	+				+		+
				100			+						+
				120			+						
Magnesium salts			satura-ted solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80		+	+				+		+
				100			+						+
				120			+						
Magnesium sulfate	7487-88-9	MgSO4	satura-ted solution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120									
Magnesiumhydro-xidecarbonate	12125-28-9		satura-ted solution	20		+				+			
				40		+				+			
				60		+				+			
				80		+							
				100		+							
				120									
Maleic acid	110-16-7		satura-ted solution	20	+	+	+	+	+	+	+	-	+
				40	+	+	+		+	+	+		+
				60	o	+	+		+	+	+		+
				80		+	+				+		-
				100			+						
				120			+						
Malic acid	6915-15-7	(HO)CH(COOH) CH2COOH	1%	20	-	+	+		+	+	+	+	+
				40		+	+		+	+	+	+	+
				60		+	+		+	+	+	+	+
				80			+						
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Mandrel oil			techni-	20	o	+	+		o	+	-	+	+
			cally	40		o	+		o	+		+	o
			pure	60		-	+		o	+		o	-
				80			+					-	
				100									
				120									
Manganese II chloride	7773-01-5	MnCl2	all	20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60	o	+	+			+	+	+	+
				80		o	+				+	+	+
				100			+				+	+	+
				120			+						
Manganese sulfate	7785-87-7	MnSO4	satura-	20	+	+	+		+	+	+	+	+
			ted	40	+	+	+		+	+	+	+	+
			solution	60	o	+	+		+	+	+	+	+
				80		+	+				+		+
				100			+						+
				120			+						
Menthol	89-78-1		techni-	20	o	+	+		+	+	+	+	+
			cally	40	-	o	+		+	+	+	o	+
			pure	60		o	+		o	+	+	o	+
				80									
				100									
				120									
Mercaptan				20	+		o			+	-	-	o
				40						+			
				60						+			
				80									
				100									
				120									
Mercaptan			techni-	20	-	o			o	+	-	-	-
			cally	40		o			o	+			
			pure	60		o			o	+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Mercury	7439-97-6	Hg	technically pure	20	+	+	+	+	+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80			+						+
				100			+						
				120			+						
Mercury (II) chloride	7487-94-7	HgCl2	saturated solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+						
				100			+						
				120			+						
Mercury (II) cyanide	592-04-1	Hg(CN)2	saturated solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+						
				100			+						
				120			+						
Mercury (II) nitrate	10045-94-0	Hg(NO3)2	suspension	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+						+
				100			+						
				120			+						
Mercury (II) sulfate	7783-35-9	HgSO4	saturated solution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+			
				60	+	+	+		+	+			
				80		+	+						
				100			+						
				120			+						
Mercury salts			saturated solution	20	+	+	+	+	+	+	+	o	+
				40	+	+	+		+	+	+	o	+
				60	o	+	+		+	+	+	-	+
				80		+	+						+
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Mersol D			stan-	20	+				-	+	+	+	+
			dard	40	+					+	o		+
				60						+	o		+
				80									
				100									
				120									
Methacryl acid methylester			techni-	20									
			cally	40			look at Methyl methacrylate						
			pure	60									
				80									
				100									
				120									
Methane	74-82-8	CH4		20									
				40			look at Methane						
				60									
				80									
				100									
				120									
Methane	74-82-8	CH4	techni-	20	+	+	+	+	+	+	-	+	+
			cally	40			+			+			+
			pure	60			+			+			+
				80									
				100									
				120									
Methanesulfonic acid	75-75-2		50%	20	+	o	+			+			
				40	-	o	+			+			
				60		o	+			+			
				80		-	+						
				100			+						
				120			+						
Methanol	67-56-1	CH3OH	techni-	20	+	+	+	-	+	+	+	+	o
			cally	40	+	+	o		+	+	+	+	o
			pure	60	o	+	-		+	+	+	+	o
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Methoxybutanol	2517-43-3	CH3O(CH2)3CH2OH	technically pure	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	-	o	+		o	+	o	o	+
				80									
				100									
				120									
Methoxybutanol	2517-43-3	CH3O(CH2)3CH2OH	technically pure	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	-	o	+		o	+	o	o	+
				80									
				100									
				120									
3- Methoxylbutyl acetate	4435-53-4	CH3O C4H4O2CCH3	technically pure	20	-	+				+	+	o	+	-
				40		o				o	+	o	o	
				60		o				o	+	o		
				80										
				100										
				120										
Methyl acetate	79-20-9	CH3COOCH3	technically pure	20	-	+	+	-		+	+	+	-	-
				40		+	o			+	+	+		
				60		o					+	+		
				80										
				100										
				120										
Methyl bromide	74-83-9		technically pure	20	-	-	+	-		o	+	o	-	o
				40			+			-	+			
				60			+				+			
				80										
				100										
				120										
Methyl bromine			technically pure	20	look at Methyl bromide									
				40										
				60										
				80										
				100										
				120										

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Methyl chloride			techni- cally pure	20 40 60 80 100 120			look at Chlorine methane						
Methyl methacrylate	80-62-6			20 40 60 80 100 120	-	+	+ + o -	-	+ + +	+ + +	+	-	-
Methyl sulfuric acid			techni- cally pure	20 40 60 80 100 120	+ + o	-	+ + + +		-	+ + +	+ + + o	-	o o -
Methyl sulfuric acid 50%			50%	20 40 60 80 100 120	+ o	+ + o o	+ + + + +		o o	+ + +	+ +	o -	o o
Methylamine anhydrous	74-89-5	CH3NH2	32%	20 40 60 80 100 120	o	+	-	-	+	+ + +	+	-	-
Methylene(di) chloride	75-09-2	CH2Cl2	techni- cally pure	20 40 60 80 100 120	-	-	+ o o	-	o o -	+ + +	-	-	o

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Methylethylketone	78-93-3	CH3COCH2CH3	technically pure	20	-	+	-	-	+	+	+	-	-
				40		o			o	+			
				60		o			-	+			
				80									
				100									
				120									
Milk			standard	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	+	+	+	+	+	+	+	o	+
				80		+	+				+		+
				100			+						+
				120			+						
Mineral oil			standard	20	o	+	+	-	o	+	-	+	+
				40	o	+	+		o	+		+	+
				60	o	o	+		-	+		+	+
				80			+						
				100			+						
				120			+						
Mineral water			standard	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	+	+	+	+	+	+	+	+	+
				80		+	+				+	+	+
				100			+				+	+	+
				120			+						+
Mixed acid (Hydrochloric acid/Methanol)			90%/10%	20			+			+			
				40			+			+			
				60			+			+			
				80									
				100									
				120									
Mixed acid (Hydrochloric acid/Sulfuric acid)		HCl/HNO3	36%/98% 144g/13g	20	+	+	+			+	-	-	-
				40	+	+	+			+			
				60	+	+	+			+			
				80		+	+						
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Mixed acid (Nitric acid/ Hydrofluoric acid)			15%/ 3% 1:1	20	+	+	+			+			
				40	+	+	+			+			
				60	+	+	+			+			
				80		+	+						
				100			+						
				120			+						
Mixed acid (Nitric acid/ Hydrofluoric acid)			15%/ 5% 1:1	20	+	+	+			+	+		+
				40	+	+	+			+	+		+
				60	+	-	+			+			+
				80			+						
				100			+						
				120			+						
Mixed acid (Sulfuric acid/ Nitrosulfuric acid)		H2SO4/H2SO3	4%/75% 1:1	20	+	+	+			+	+		+
				40	+	+	+			+	+		+
				60	+	+	+			+	+		o
				80		+	+				o		
				100			+						
				120			+						
Mixed acid (chrome acid/ chrome sulfate/ sodiumsilico fluoride)			220g/l, 1g/l, 12g/l	20	+	-	+			+			-
				40	+		+			+			
				60	+		+			+			
				80			+						
				100			+						
				120			+						
Mixed acid (chrome acid/ oxalic acid/sod- iumsilicofluoride)			350g/l, 1g/l, 17g/l	20	+	-	+			+	-		-
				40	+		+			+			
				60	o		+			+			
				80			+						
				100			+						
				120			+						
Mixed acid (chrome acid/ sulfuric acid/sodi umsilicofluoride)			250g/l, 0,7g/l, 1g/l	20	+	-	+			+	-		-
				40	+		+			+			
				60	+		+			+			
				80			+						
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM	
Mixed acid (Hydrochloric acid/Benzene)			36%/ 54ppm	20	+	+	+			+	+		+	
				40	+	+	+			+	+		+	
				60	+	+	+			+	o		+	
				80		+	+						o	
				100			+						o	
				120			+							
Mixed acid (Hydrochloric acid/Hydrofluoric acid)			10%/ 15% 1:1	20	+		+			+				
				40	+		+			+				
				60	+		+			+				
				80			+							
				100			+							
				120			+							
Mixed acid (Hydrochloric acid/Nitric acid) (=Aqua regia)		HCl/ HNO3	20%/50% 100g/5g	20	+	+	+			+	+		+	
				40	+	o	+			+			+	
				60	+	-	+			+				
				80			+							
				100			+							
				120			+							
Mixed acid (hydrochloric acid/allychloride)			36% /12ppm	20	+	+	+			+	+		+	
				40	+	+	+			+	+		+	
				60		+	+			+	o		+	
				80		+	+						o	
				100			+						o	
				120			+							
Mixed acid (Hydrochloric acid/Iron (II) chloride)			25%/ 28% 1:1	20	+	+	+			+	+	+	+	
				40	+	+	+			+	+	+	+	
				60	+	+	+			+	+	+	+	
				80		+	+			+	+	o		
				100			+							
				120			+							
Mixed acid (Hydrochloric acid/Orthochloro phenol)		HCl/ HNO3	36%/ 170ppm	20	+	+	+			+	+		+	
				40	+	+	+			+	+		+	
				60	+	+	+			+	o		+	
				80		+	+							
				100			+							
				120			+							

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Mixed acid (Hydrochloric acid/Sulfuric acid)		HCl/HNO3	36%/ 98% 1:1	20	+	-	+			+	-	-	-
				40	-		+			+			
				60			+			+			
				80			o						
				100			o						
				120			-						
Mixed acid (Hydrochloric acid/Sulfuric acid)		HCl/HNO3	20%/5% 100g/5g	20	+	+	+			+	+		+
				40	-	+	+			+	+		+
				60		+	+			+	+		+
				80		+	+			+			
				100			+						
				120			+						
Mixed acid (Nitric acid/ Hydrofluoric acid/ Sulfuric acid)		HNO3/ /H2SO4	3parts 1part 2parts	20	o	-	+	-	o	+	-	-	+
				40			+			+			o
				60			+			+			
				80									
				100									
				120									
Mixed acid (Sulfuric acid/ Chrome acid)			2%/ 1% 1:1	20	+	-	+			+	+		+
				40	+		+			+			+
				60	+		+			+			o
				80			+						-
				100			+						
				120			+						
Mixed acid (Sulfuric acid/ Chrome acid)			10%/ 10% 1:1	20	+	-	+			+	+		+
				40	+		+			+			+
				60	o		+			+			o
				80			+						
				100			+						
				120			+						
Mixed acid (Sulfuric acid/ Chrome acid/ Phosphoric acid)			15parts 5parts 80parts	20	+	-	+			+	+		+
				40	+		+			+	+		+
				60	+		+			+	o		+
				80			+						o
				100			+						-
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Mixed acid			2parts	20	+	-	+			+	-		+
(sulfuric acid/			10parts	40	+		+			+	-		+
Chrome acid/			80parts	60	+		+			+			o
Phosphoric acid)				80			+						-
				100			+						
				120			+						
Mixed acid			20	20	+	-	+			+			
(Sulfuric acid/			-25 %/	40	+		+			+			
Hydrofluoric acid)			10-15 %	60	o		+			+			
			1:1	80			+						
				100			+						
				120			+						
Mixed acid			75%/	20	+	+	+			+			
(Sulfuric acid/			5%	40	+	+	+			+			
Nitric acid/				60	o	o	+			+			
Chlorine gas)				80			+						
				100									
				120									
Mixed acid		H2SO4/HNO3/	48/	20	+	-	+	-	-	+	+	-	+
(Sulfuric acid/		H2O	49/3%	40	o					+	o		+
Nitric acid/Water)				60	-					+			
				80									
				100									
				120									
Mixed acid		H2SO4/HNO3/	50/	20	o	-	+	-	-	+	+	-	+
(Sulfuric acid/		H2O	50/0%	40	-		+			+	+		+
Nitric acid/Water)				60			+			+			
				80			+						
				100			+						
				120			+						
Mixed acid		H2SO4/HNO3/	10/	20	+	-	+	-	+	+	-	-	+
(Sulfuric acid/		H2O	20/70%	40	+		+		o	+			+
Nitric acid/Water)				60	+		+			+			+
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Mixed acid (Sulfuric acid/ Nitric acid/Water)		H2SO4/HNO3/ H2O	10/ 87/3%	20	-	-	o	-	-	+	-	-	-
				40						+			
				60						+			
				80									
				100									
				120									
Mixed acid (Sulfuric acid/ Nitric acid/Water)		H2SO4/HNO3/ H2O	50/ 31/19%	20	+	-	+	-	-	+	-	-	+
				40			+			+			+
				60						+			
				80									
				100									
				120									
Mixed acid (Sulfuric acid/ Nitric acid/Water)		H2SO4/HNO3/ H2O	50/ 33/17%	20	+	-	+	-	-	+	-	-	+
				40	o					+			
				60	o					+			
				80									
				100									
				120									
Mixed acid (Sulfuric acid/ Phosphoric acid/ Water)		H2SO4/H2PO3/ H2O	30/ 60/10%	20	+	+	+	-	+	+	+	-	+
				40	+	+	+		+	+	+		+
				60		+	+		+	+	+		+
				80		+							
				100									
				120									
Mixed acid (sulfuric acid/ zinc/manganese sulfate)		H2SO4/Zn/	150g/l, 80g/l, 2g/l	20	+	+	+			+	+		+
				40	+	+	+			+	+		+
				60	+	+	+			+	+		+
				80		+	+			+	+		+
				100			+						o
				120			+						-
Mixed acid (Hydrochloric acid/Chloro- benzene)			18%/ 490ppm	20	+	+	+			+	+		+
				40	+	+	+			+	o		+
				60	+	+	+			+			+
				80		+	+						
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Mixed acid (Chrome acid/ Sulfuric acid/ Water)			50%/ 15%/ 35%	20	+	-	+	-	-	+	o	-	+
				40	+		+			+	o		+
				60	o		+			+	o		+
				80									
				100									
				120									
Mixed acid (Sulfuric acid/ Chrome acid)			10%/ 25% 1:1	20	+	-	+			+	o		+
				40	+		+			+			o
				60	+		+			+			-
				80			+						
				100			+						
				120			+						
Mixed acid (Sulfuric acid/ Chrome acid)			4g/l, 400g/l	20	+	-	+			+	-	-	-
				40	+		+			+			
				60	+		+			+			
				80			+						
				100			+						
				120			+						
Mixed acid (Sulfuric acid/ Sodium sulfate/ Formaldehyde)			200-250 g/l, 200-250 g/l, 40-60g/l	20	+	+	+			+	+	+	+
				40	+	+	+			+	+		+
				60		+	+			+	+		+
				80		+	+						+
				100			+						+
				120									
Molasses			stan- dard	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+	+	+	+	+	+	+
				80		+	+				+	+	+
				100									
				120									
Molasses wort			stan- dard	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Monochloric acetic acid ethyl ester	105-39-5		technically pure	20	-	+	o	-	+	+	+	-	o
				40		+	-		+	+	+		o
				60		+			+	+	+		o
				80									
				100									
				120									
Monochloric acetic acid methyl ester	96-34-4		technically pure	20	o	+	+		+	+	+	-	o
				40		+	o		+	+	+		o
				60		+			+	+	+		o
				80									
				100									
				120									
Morpholine	110-91-8		technically pure	20	-	+	+	-	+	+	o	-	+
				40		+	+		+	+			+
				60		+	o		+	+			+
				80									
				100									
				120									
Motor oil			technically pure	20	o	+	+		+	+	-	+	+
				40	o	o	+		o	+		+	+
				60	o	o	+		-	+		+	+
				80									
				100									
				120									
Mowolith D			standard	20	+	+	+		+	+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									
Naphtha	68783-12-0		standard	20		+	+		+	+	-	+	+
				40			+		-	+			
				60			+			+			
				80			+						
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Naphthalene (in alcohol)	91-20-3		technically pure	20	-	+	+	-	+	+	-	+	+
				40		+	+		o	+		+	+
				60		o	o		o	+		+	+
				80									
				100									
				120									
Natron waste liquor			saturated solution	20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60	+	+	+			+	+	+	+
				80		+	+				+		+
				100			+						+
				120			+						
Natural gas	64742-79-6		technically pure	20	+	o	+		+	+	-	+	+
				40	-	-	+			+		+	+
				60			+			+		+	+
				80			+					+	+
				100									
				120									
Nekal BX			delution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	o	+	+		+	+	+	-	-
				80									
				100									
				120									
Nickel acetate	373-02-4		saturated solution	20	+	+	+			+	+	+	o
				40	+	+	+			+			
				60	o	+	+			+			
				80		+	+						
				100			+						
				120									
Nickel chloride	7718-54-9	NiCl2	saturated solution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Nickel nitrate	13138-45-9	Ni(NO3)2	satura-ted solution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						+
Nickel salt			satura-ted solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+	+	+	+	+	+	+
				80			+				+		+
				100			+						+
				120			+						
Nickel sulfate	7786-81-4	Ni(SO4)2	satura-ted solution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	o	+
				100			+						+
				120									
Nicotine	54-11-5		solution	20	+		+			+	+	+	+
				40			+			+			
				60			o			+			
				80									
				100									
				120									
Nicotinic acid	59-67-6	NC5H4COOH	solution	20	+		+		+	+	+		
				40	+		+		+	+			
				60	+		+			+			
				80			+						
				100			+						
				120			+						
Nitric acid	7697-37-2	HNO3	10%	20	+	+	+		+	+	+	-	+
				40	+	+	+		+	+	o		+
				60	+	o	+		+	+			+
				80			+						o
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Nitric acid	7697-37-2	HNO3	40%	20	o	-	+	-	o	+	-	-	+
				40	o		+		-	+			o
				60	-		+			+			-
				80			o						
				100			-						
				120									
Nitric acid	7697-37-2	HNO3	50%	20	o	-	+	-	o	+	-	-	+
				40	o		+		-	+			o
				60	-		+			+			-
				80			o						
				100			-						
				120									
Nitric acid	7697-37-2	HNO3	65%	20	o	-	+	-	o	+	-	-	+
				40	o		+		-	+			o
				60	-		o			+			-
				80			-						
				100									
				120									
Nitric acid	7697-37-2	HNO3	85%	20	-	-	+	-	-	+	-	-	+
				40			+			+			
				60						+			
				80									
				100									
				120									
Nitric acid	7697-37-2	HNO3	98-100%	20	-	-	-	-	-	+	-	-	-
				40						+			
				60						+			
				80									
				100									
				120									
Nitrid acid (Sulfuric acid/ Nitric acid/Water)	51602-38-1	H2SO4/ HNO3/ H2O	standard	20	+	-	+	-	-	+	-	-	+
				40	o		+			+			
				60			+			+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Nitrilotriacetic acid	139-13-9	N(CH2COOH)3	stan-dard	20	+	o			o	+			
				40		o			o	+			
				60						+			
				80									
				100									
				120									
Nitrobenzene	98-95-3	C6H5NO2	techni-cally pure	20	-	+	+	-	+	+	o	-	+
				40		+	+		o	+			o
				60		o	+		o	+			-
				80			+						
				100			+						
				120									
Nitrobenzoe acid			satura-ted solution	20	+	+				+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									
Nitrogen	7727-37-9	N2		20	-	o	+			+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									
Nitrogen dioxide	10102-44-0			20	+	+	+		+	+			
				40	-	o	+		+	+			
				60		-	+		+	+			
				80			+						
				100			+						
				120									
Nitroglycerine	55-63-0		delution	20	o					+	+	-	+
				40						+			
				60						+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Nitrose gase		NOx, N2O4	delution	20	+	o	+	-	o	+	o	o	+
				40	+	o	+		o	+	o	-	+
				60	o	-	+		o	+	o		+
				80			+						
				100			+						
				120									
Nitrotoluene	88-72-2	C6H4(NO3)(CH3)	techni-	20	-	o	+	-	+	+	-	o	o
			cally	40		-	+		o	+		-	-
			pure	60			o		-	+			
				80			-						
				100									
				120									
Nitrous acid	7782-77-6	HNO2	delution	20	+	-	+	-	+	+	+		+
				40	+		+			+			
				60			+			+			
				80			+						
				100			+						
				120									
Nitrous monoxide				20									
				40			look at Nitrous oxide						
				60									
				80									
				100									
				120									
Nitrous oxide				20									
				40			look at Nitrous oxide						
				60									
				80									
				100									
				120									
Nitrous oxide	10024-97-2	N2O		20	+	+	+	+		+	+		+
				40	+	+	+			+	+		+
				60	+	+	+			+	+		+
				80		+	+				+		+
				100			+				+		
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Octyl cresol			technically pure	20 40 60 80 100 120	- 	o - 	 	 	o - 	+ + + 	- 	 	o
Oil and fats, vegetable and animal			standard	20 40 60 80 100 120	+ o o 	+ + o 	+ + + + + 	 	+ o o 	+ + + 	- 	+ + + 	+ + +
Oil of peppermint			technically pure	20 40 60 80 100 120	 	+ 	 	 	+ 	+ + + 	 	 	
Oleic acid	112-80-1		technically pure	20 40 60 80 100 120	+ + + 	+ + o 	+ + + + + +	- 	+ + o 	+ + + 	- 	o - 	+ o -
Oleum	8014-95-7	H2SO4+SO3	10% SO3	20 40 60 80 100 120	- 	- 	- 	- 	- 	- 	- 	- 	-
Olive oil			standard	20 40 60 80 100 120	+ + + 	+ + + + 	+ + + + 	- 	+ + o 	+ + + 	- 	+ + + o 	+ + + + +

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Oxalic acid	144-62-7	(COOH)2	satura-	20	+	+	+	+	+	+	+	+	+
			ted	40	+	+	+	+	+	+	+	+	+
			solution	60	+	o	+		+	+	+	+	+
				80		o	+				+	-	+
				100			+						+
				120									
Oxygen	7782-44-7	O2	all	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	+	o	+	+	o	+	+	+	+
				80			+				+		+
				100			o						+
				120			o						+
Ozone	10028-15-6	O3	all	20	+	o	o	-	o	+	-	-	+
				40	+	-			-	+			o
				60	+					+			-
				80									
				100									
				120									
p- Toluenesulfonyl chloride	98-59-9	CH3C6H4SO2Cl	techni-	20	-	o	o		o	+			
			cally	40			o		-	+			
			pure	60			o			+			
				80									
				100									
				120									
Palm oil			techni-	20	+	+	+	+	+	+	-	+	+
			cally	40	-	+	+		+	+		+	+
			pure	60		o	+		o	+		o	+
				80			+						
				100			+						
				120									
Palm oil fatty acid			techni-	20	+	-	-			+	-	+	+
			cally	40						+			
			pure	60									
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Palmitic acid	57-10-3		techni-	20	+	o	+	+	o	+	o	o	+
			cally	40		o	+			+	-	-	o
			pure	60		-	+			+			-
				80			+						
				100			+						
				120			+						
Paraffin oil	8012-95-1		techni-	20	+	+	+	o	+	+	-	+	+
			cally	40	+	+	+		o	+		o	+
			pure	60	o	o	+		o	+		o	+
				80		-	+						o
				100			+						
				120			+						
Paraffins	64771-72-8			20	+	+	+		o	+	-	+	+
				40	+	+	+		o	+		+	+
				60	+	+	+		o	+		+	+
				80			+						
				100			+						
				120									
Paraffins emulsion			stan-	20	+	+	+	o	+	+	-	+	+
			dard	40	+	+	+		+	+		+	+
				60		o	+		o	+		o	+
				80			+						+
				100			+						
				120									
Pentanol	30899-19-5		techni-	20	+	+	+	-	+	+	+	+	o
			cally	40	+	+	+		+	+	+	+	
			pure	60	o	+	+		+	+	+	+	
				80		+	+						
				100			+						
				120			o						
Pentyl acetate	628-63-7	CH3COO(CH2)4CH3	techni-	20	-	o	+	-	+	+	o	-	-
			cally	40		o	o		+	+			
			pure	60		-	o		+	+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Peracetic acid	79-21-0	CH3CO3H	6%	20	+						+	+	-	+
				40							+			
				60							+			
				80										
				100										
				120										
Perchloric acid	7601-90-3			20										
				40				look at Perchloric acid						
				60										
				80										
				100										
				120										
Perchloric acid 10%	7601-90-3		10%	20	+	+	+	o	+	+	+	-	+
				40	+	+	+		+	+	+		+
				60	o	+	+		-	+	+		+
				80			+				+		+
				100			+						+
				120									
Perchloric acid 70%	7601-90-3	HClO4	70%	20	+	-	o	-	+	+	-	-	+
				40	-		o		o	+			+
				60			o		-	+			+
				80			o						o
				100			o						
				120									
Perchloroethylene	127-18-4	Cl2CCCl2	technically pure	20	-	o	+		o	+	-	o	+
				40		o	+		o	+		o	+
				60		-	+		-	+		o	+
				80			o						
				100			-						
				120									
Perphosphate				20	+	+	+			+	+		+
				40	+	+	+			+	+		+
				60	+	+	+			+			
				80		+	+						
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Petroleum	8008-20-6		technically pure	20	+	+	+	-	+	+	-	+	+
				40	o	o	+		o	+		+	+
				60	o	o	+		o	+		+	o
				80			+						
				100			+						
				120			+						
Phenol 5%	108-95-2	C6H5OH	5%	20	+	+	+	-	+	+	+	-	+
				40	o	+	+		+	+	+		+
				60		+	+		o	+	+		+
				80			o				-		o
				100			o						
				120									
Phenol 90%	108-95-2	C6H5OH	90%	20	o	+	+	-	+	+	-	-	+
				40	o	+	+		+	+			o
				60	-	+	o		o	+			-
				80			o						
				100			o						
				120									
Phenylhydrazin chlorohydrate			saturated solution	20	o	+	+	-	+	+	+	o	+
				40		o	+			+	+	-	+
				60		o	+			+	o		o
				80		-					o		-
				100									
				120									
Phenylhydrazine	100-63-0		technically pure	20	-	o	o	-	o	+	-	-	+
				40		o	-		o	+			+
				60		o			o	+			o
				80									
				100									
				120									
Phenylhydrazinium chloride	59-88-1		solution	20	o	+				+			
				40	-	o				+			
				60		o				+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Phosgene, gaseous	75-44-5	COCl2	technically pure	20	+	o	+	-	o	+	+	+	+
				40	o	o	+		o	+	+	+	+
				60	o	o	+		o	+	+	+	o
				80									
				100									
				120									
Phosgene, liquid	75-44-5	COCl2	technically pure	20	-	-	-	-	-	+	-	o	+
				40						+			+
				60						+			o
				80									
				100									
				120									
Phosphate			all	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80		o	+				+	+	+
				100			+						+
				120			+						
Phosphine, gaseous	7803-51-2		technically pure	20	+					+			
				40	+					+			
				60	+					+			
				80									
				100									
				120									
Phosphoric acid 85%	7664-38-2	H3PO4	until 95%	20	+	+	+	+	+	+	+	-	+
				40	+	+	+	+	+	+	+		+
				60	+	+	+	o	+	+	o		+
				80		+	+				o		+
				100			+						o
				120			+						
Phosphoric acid tributylester		(C4H9)3PO4	technically pure	20	look at Tributyl phosphate								
				40									
				60									
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Phosphorus pentachloride	10026-13-8		technically pure	20 40 60 80 100 120	- 	- 	- 	- 	- 	+ + + 	- 	- 	-
Phosphorus pentoxide	1314-56-3		technically pure	20 40 60 80 100 120	+ + o 	+ + + 	+ + + + + 	 	+ + + 	+ + + 	+ + + 	+ - 	+ + +
Photo fixing bath			standard	20 40 60 80 100 120	+ + o 	+ + + 	+ + + 	+ + o 	+ + 	+ + + 	+ + 	+ + 	+ +
Photographic developer			standard	20 40 60 80 100 120	+ + o 	+ + + + 	+ + + + + 	+ + o 	+ + o 	+ + + 	+ + 	o o 	+ +
Photographic emulsion			standard	20 40 60 80 100 120	+ + 	+ + + 	+ + + 	+ + 	+ + 	+ + + 	+ + 	o 	+ +
Phthalic acid	88-99-3		saturated solution	20 40 60 80 100 120	+ o - 	+ + + 	+ + + + + 	- 	+ + + 	+ + + 	+ o o 	- 	-

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Phthalic acid dioctylester	117-84-0	C24H38O4	technically pure	20	-	+	+	-	+	+	+	-	o
				40		-	+		+	+	+		+
				60			o		o	+	+		
				80									
				100									
				120									
Picric acid GL	88-89-1	C6H2(OH)(NO2)3	saturated solution	20	+	+	+	-	+	+	+	o	+
				40	+		+		+	+	+	-	+
				60	+		+			+	+		+
				80			+				+		+
				100			+						+
				120									
Picric acid TR	88-89-1	C6H2(OH)(NO2)3	technically pure	20	-	+	+			+	-	o	o
				40						+			
				60						+			
				80									
				100									
				120									
Pine needle oil				20	-	+	+		+	+	-	o	+
				40		o	+		o	+		o	+
				60		o	+		o	+		o	+
				80									
				100									
				120									
Polyaluminium chloride				20	+	+	+			+	+	+	+
				40	+	+	+			+	+		+
				60	+	+	+			+	+		+
				80									
				100									
				120									
Polychlorinated biphenyl	1336-36-3		standard	20	-	+	+			+	+	-	-	+
				40		+	+			+	+			+
				60		o	+			o	+			+
				80										
				100										
				120										

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Polyethylene glycol	25322-86-3			20	+	+	+			+	+		+
				40	+	+	+			+	+		+
				60	+	+	+			+	+		+
				80		+	+				+		+
				100			+						+
				120			+						
Polyvinyl alcohol	9002-89-5			20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60	+	+	+			+			+
				80		+	+						
				100			+						
				120			+						
Potash			satura-ted solution	20	look at Potassium carbonate								
				40									
				60									
				80									
				100									
				120									
Potassium - Copper cyanide				20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60	+	+	+			+	+	+	+
				80		+	+				+		+
				100			+						+
				120			+						
Potassium acetate	127-08-2			20	+	+	+			+	+	+	+
				40			+			+			
				60			+			+			
				80			+						
				100			+						
				120			+						
Potassium bichromate	7778-50-9		satura-ted solution	20	+	+	+		+	+	o	o	o
				40	+	+	+		+	+			
				60	+	+	+		+	+			
				80			+						
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Potassium bisulfate	7646-93-7		satura-ted solution	20	+	+	+		+	+	+	-	+
				40	+	+	+		+	+	+		+
				60	o	+	+		+	+	+		+
				80		+	+				+		+
				100			+						+
				120			+						
Potassium borate 10%		K3BO3	10%	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+	+	+	+	+	+	+
				80									
				100									
				120									
Potassium borate GL		K3BO3	satura-ted solution	20	+	+			+	+			
				40	+	+			+	+			
				60	+	+			+	+			
				80		+							
				100									
				120									
Potassium bromate	7758-01-2	KBrO3	10%	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+	+	o	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Potassium bromide	7758-02-3	KBr	satura-ted solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+	+	+	+	+	o	+
				80		+	+					o	+
				100			+						+
				120			+						
Potassium bromine				20	look at Potassium carbonate								
				40									
				60									
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Potassium carbonate	584-08-7	K2CO3	satura-	20	+	+	+	+	+	+	+	+	+
			ted	40	+	+	o		+	+	+	+	+
			solution	60	o	+	o		+	+			
				80		+							
				100									
				120									
Potassium chlorate	3811-04-9	KClO3	satura-	20	+	+	+	+	+	+	+	o	+
			ted	40	+	+	+	+	+	+	+	o	+
			solution	60	o	+	+	+	+	+	+	-	+
				80			+				+		+
				100			+						+
				120			+						
Potassium chloride	7447-40-7	KCl	satura-	20	+	+	+	+	+	+	+	+	+
			ted	40	+	+	+	+	+	+	+	+	+
			solution	60	+	+	+	+	+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Potassium chlorite		KClO2	5%	20			+			+			
				40			+			+			
				60			+			+			
				80			+						
				100			+						
				120									
Potassium chromate	7789-00-6	KCrO3	satura-	20	+	+	+	+	+	+	+	o	+
			ted	40	+	+	+	+	+	+	+	o	+
			solution	60	+	+	+	+	+	+	+	-	+
				80			+						
				100			+						
				120									
Potassium cyanide	151-50-8	KCN	satura-	20	+	+	+	+	+	+	+	+	+
			ted	40	+	+	+	+	+	+	+	+	+
			solution	60	o	+	+	+	+	+	+	+	+
				80		o	+				+	+	+
				100			+						+
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Potassium dicarbonate			40%	20	+		+			+	+	+	+
				40	+		+			+	+	+	+
				60	+		+			+	+	+	+
				80			+				+	+	+
				100			+						+
				120			+						
Potassium dichromate		K2Cr2O7	40%	20	look at Potassium bichromate								
				40									
				60									
				80									
				100									
				120									
Potassium fluoride	7789-23-3	KF		20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60	+	+	+			+	+	+	+
				80		+	+					+	+
				100			+						+
				120			+						
Potassium hexacyan oferrate(II)	13943-58-3	K4[Fe(CN)6] bzw. K3[Fe(CN)6]	satura-ted solution	20	+	+	+			+	+	+	+
				40	+	+	+			+	+		
				60	o	+	+			+	+		
				80		+	+						
				100			+						
				120									
Potassium hydrogen carbonate	298-14-6	KHCO3	satura-ted solution	20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	
				60	+	+	+			+	+	+	
				80		+							
				100									
				120									
Potassium hydrogen fluoride	7789-29-9	KHF2	satura-ted solution	20	+	+					+	+	+	+
				40							+		
				60							+		
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Potassium hydrogensulfate	7646-93-7	KHSO4	saturated solution	20	look at Potassium bisulfate								
				40									
				60									
				80									
				100									
				120									
Potassium hydroxide				20	look at Caustic potash								
				40									
				60									
				80									
				100									
				120									
Potassium hydroxide				20	look at Caustic potash								
				40									
				60									
				80									
				100									
				120									
Potassium hypochlorite	7778-66-7	KOCl	containing active chlorine 150g/l	20	+	o	o		o	+	+	o	o
				40	o		o		o	+			
				60	o		o		o	+			
				80			o						
				100			o						
				120			o						
Potassium iodide	7681-11-0	KI	saturated solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	o	+
				60	o	+	+	+	+	+	+	-	+
				80		+	+						+
				100			+						
				120									
Potassium metaborate			1%	20	+					+			
				40	+					+			
				60	o					+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Potassium nitrate	7757-79-1	KNO3	satura-ted solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+		+	+
				60	o	+	+	+	+	+		+	+
				80		+	+						
				100			+						
				120									
Potassium nitrite	7758-09-0	KNO2	satura-ted solution	20	+	+	+			+	+	+	+
				40			+			+			
				60			+			+			
				80			+						
				100			+						
				120									
Potassium perborate				20	+	+	+			+			
				40	+	+	+			+			
				60	+	+	+			+			
				80		+	+						
				100			+						
				120			+						
Potassium perborate 1%	7778-74-7		1%	20	+	+	+			+	+	+	+	+
				40	+	+	+			+	+	+	-	+
				60	o	+	+			o	+	+		+
				80		o	+					+		+
				100										
				120										
Potassium perborate 10%	7778-74-7		10%	20	+	+	+			+	+	+	+	+
				40	+	+	+			+	+		o	+
				60	o	+	+			+	+			+
				80			+							+
				100										
				120										
Potassium permanganate	7722-64-7	KMnO4	satura-ted solution	20	+	+	+			+	+	+	-	+
				40	+	+	+			+	+	+	-	+
				60	o	-	+			o	+	+		+
				80			+							+
				100			+							
				120										

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Potassium peroxide	12030-88-5	K2O2	saturated solution	20 40 60 80 100 120	o	o				+ + +	-	-	-
Potassium persulfate	7727-21-1	K2S2O8	saturated solution	20 40 60 80 100 120	+ + o	+ + +	+ + + +	+ + +	+ + +	+ + +	+ +	-	+ + + + +
Potassium phosphate			saturated solution	20 40 60 80 100 120	+ + o	+ + + +	+ + +	o	+ + +	+ + +	+ + + +	+ o -	+ + + + +
Potassium sulfate	7778-80-5	K2SO4	saturated solution	20 40 60 80 100 120	+ + o	+ + + +	+ + + + +	+ + +	+ + +	+ + +	+ + +	+ + +	+ + + + +
Potassium sulfide	1312-73-8	K2S	saturated solution	20 40 60 80 100 120	+ + +	+	o		+ + +	+ + +	+	+	+
Potassium sulfite	10117-38-1	K2SO3	saturated solution	20 40 60 80 100 120	o	+ + +	+ + + + + +		+ + +	+ + +	+	+	+

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Potassium tartrate		K2(CHOHCOO)2	saturated solution	20				+			+		
				40				+			+		
				60				+			+		
				80				+					
				100				+					
				120									
Propane, gaseous	74-98-6	C3H8	technically pure	20	+	+	+	+	-	+	+	-	o	+
				40				+		+	+			
				60				+			+			
				80										
				100										
				120										
Propane, liquid	74-98-6	C3H8	technically pure	20	+	+	+	+	-	+	+	-	o	+
				40				+			+			
				60				+			+			
				80										
				100										
				120										
Propanol	71-23-8	CH3CH(OH)CH3	technically pure	20	+	+	+	+	-	+	+	+	+	+
				40	o	+	+	+		+	+	+	o	+
				60	o	o	+	o		o	+	o	-	+
				80				o						
				100										
				120										
Propanol, 2-	67-63-0		technically pure	20	+	+	+	+		+	+	+	+	+
				40	+	+	+	+		+	+	+	o	+
				60	o	o	+	o		o	+	+		+
				80		o	o	o				o		o
				100										
				120										
Propargyl alcohol	107-19-7		7%	20	+	+	+	+	-	+	+	+	+	+
				40	+	+	+	o		+	+	+	+	+
				60	+	+	+	o		+	+	+	+	+
				80										
				100										
				120										

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Propionic acid 50%	79-09-4		50%	20	+	+	+	-	+	+	+	-	o
				40	+	+	+		+	+	+		o
				60	o	+	+		+	+	+		o
				80									
				100									
				120									
Propionic acid TR	57-55-6	HOCH2CH2 CH2OH	technically pure	20	+	+	+	+	+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	o	+
				80		+	+						o
				100			+						
				120									
Propylene glycol 50%	57-55-6	HOCH2CH2 CH2OH	50%	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	o	+	+	+	+	+
				60	+	+	+		+	+	+	o	+
				80		+	+						o
				100			+						
				120									
Propylene glycol TR	75-56-9		technically pure	20	o	+	o	-	+	+	o	-	-
				40			-			+			
				60						+			
				80									
				100									
				120									
Propylene oxide	75-56-9		technically pure	20	o	+	o	-	+	+	o	-	-
				40			-			+			
				60						+			
				80									
				100									
				120									
Pyridine	110-86-1	C5H5N	all	20	-	o	+	-	+	+	o	-	-
				40		o	-		o	+	o		
				60		o			o	+	-		
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Pyrogallol	87-66-1	C6H3(OH)3	50%	20				+			+			+
				40				+			+			
				60				+			+			
				80				o						
				100				o						
				120										
Ramasit			stan-	20	+	+		+		+	+	-	+	+
			dard	40	+	+		+		+	+			
				60	+			+		+	+			
				80										
				100										
				120										
Rare gas				20	+	+		+	+	+	+	+	+	+
				40							+			
				60							+			
				80										
				100										
				120										
Red & white wine			stan-	20	+	+		+	+	+	+	+	+	+
			dard	40	+	+		+	+	+	+	+	+	+
				60	+	+		+		+	+	+		
				80				+						
				100				+						
				120										
Resin				20	+						+			+
				40							+			
				60							+			
				80										
				100										
				120										
Rhodan salt				20	+	+		+			+	+	o	+
				40	+	+		+			+	+		+
				60	+	+		+			+	+		+
				80				+						+
				100				+						
				120				+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Ricinus oil	8001-79-4		technically pure	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+						
				100			+						
				120			+						
Roast gas			all	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		o	+		o		+	-	+
				100									
				120									
Salicylic acid	69-72-7		saturated solution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+		
				60	+	+	+		+	+	+		
				80			+						
				100			+						
				120									
Salt water			saturated solution	20	look at Sea water								
				40									
				60									
				80									
				100									
				120									
Sea water				20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+	+	+	+	+	+	+
				80		+	+				+	+	+
				100			+				+	o	+
				120									
Silicic acid	7699-41-4	SiO2(H2O)n	all	20	+	+	+	+	+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Silicon acid				20									
				40	look at Silicic acid								
				60									
				80									
				100									
				120									
Silicone emulsion			stan-	20			+			+	+		
			dard	40			+			+	+		
				60			+			+	+		
				80									
				100									
				120									
Silicone oil			techni-	20	+	+	+	+		+	+	+	+	+
			cally	40	o	+	+			+	+	+	+	+
			pure	60	-	+	+			+	+	+	+	+
				80		+	+							
				100			+							
				120										
Silver acetate	563-63-3		satura-	20						+	+			
			ted	40						+	+			
			solution	60						+	+			
				80										
				100										
				120										
Silver cyanide	506-64-9	AgCN	satura-	20	+	+	+	+		+	+	+	+	+
			ted	40	+	+	+			+	+	+	+	+
			solution	60	+	+	+			+	+	+		+
				80		+	+							
				100			+							
				120			+							
Silver nitrate	7761-88-8		satura-	20	+	+				+	+			
			ted	40	+	+				+	+			
			solution	60	o	+				+	+			
				80		o								
				100		o								
				120										

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Silver nitrate 8%	7761-88-8	AgNO3	8%	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	o	+	+		o	+	+	+	+
				80		+	+		-				+
				100			+						o
				120									
Silver salts			satura-	20	+	+	+	+	+	+	+	+	+
			ted	40	+	+	+	+	+	+	+	+	+
			solution	60	+	+	+	+	+	+	+	+	+
				80		+	+						+
				100			+						
				120									
Silver sulfate	10294-26-5			20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60	+	+	+			+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Soap solution			solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80			+						
				100			+						
				120									
Soda	497-19-8		satura-	20	+	+	o		+	+	+	+	+
			ted	40	+	+			+	+			
			solution	60	+	+			+	+			
				80		o							
				100									
				120									
Sodium acetate	127-09-3	CH3COONa	satura-	20	+	+	+	+	+	+	+	+	+
			ted	40	+	+	+		+	+	+	+	+
			solution	60	+	+	+		+	+	+		+
				80		+	+				o		o
				100			o						-
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Sodium aluminium fluoride	15096-52-3		satura-ted solution	20	+	+	+			+			
				40	+	+	+			+			
				60	+	+	+			+			
				80		+	+			-			
				100			+						
				120			+						
Sodium aluminium sulfate		NaAl(SO4)2	satura-ted solution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Sodium arsenate and Sodium arsenite	13464-38-5	Na3AsO4 u. Na3AsO3	satura-ted solution	20	+	+				+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									
Sodium benzoate 10%	532-32-1	C6H5COONa	10%	20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60		+	+			+	+	+	+
				80									
				100									
				120									
Sodium benzoate 35%	532-32-1	C6H5COONa	35%	20	+	+				+	+		
				40	o	+				+	+		
				60	o	+				+	+		
				80									
				100									
				120									
Sodium benzoate GL	532-32-1		satura-ted solution	20	+	+	+	-		+	+	+	+
				40	+	+	+			+	+	+	+
				60	o	+	+			+	+	+	+
				80			+					o	o
				100			o						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Sodium bicarbonate				20	look at Sodium hydrogen carbonate								
				40									
				60									
				80									
				100									
				120									
Sodium bisulfate				20	look at Sodium hydrogensulfate								
				40									
				60									
				80									
				100									
				120									
Sodium bisulfite solution	7631-90-5	NaHSO3	satura-ted solution	20	+	+	+		+	+	+	o	o
				40	o	+	+		+	+	o	-	-
				60	-	+	+		+	+	-		
				80		+	+						
				100			+						
				120									
Sodium bisulfite solution	7631-90-5			20	look at Sodium hydrogen sulfite								
				40									
				60									
				80									
				100									
				120									
Sodium bromate	7789-38-0	NaBrO3	all	20	+	+	+		+	+	+	+	+
				40	o	o	+		o	+	+	o	+
				60			+			+	+	-	+
				80			+						
				100			+						
				120									
Sodium bromide	7647-15-6	NaBr	satura-ted solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	o	+
				60	o	+	+	+	+	+	+		+
				80		+	+						+
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Sodium carbonate	497-19-8	Na2CO3	satura-	20	+	+	o	+	+	+	+	+	+
			ted	40	+	+	o	+	+	+	+	+	o
			solution	60	+	+	o	+	+	+	+	+	-
				80		+	o				+		
				100			o						
				120									
Sodium chlorate	7775-09-9	NaClO3	satura-	20	+	+	+	+	+	+	o	o	+
			ted	40	+	+	+	+	+	+	o	o	+
			solution	60	+	+	+	+	+	+	o	-	+
				80		+	+				o		+
				100			+						o
				120									
Sodium chloride	7647-14-5	NaCl	satura-	20	+	+	+		+	+	+	+	+
			ted	40	+	+	+		+	+	+	+	+
			solution	60	o	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+				+	+	+
				120									
Sodium chlorite	7758-19-2	NaClO2	deluted,	20	+	o	o		o	+	o	-	+
			aqueous	40	o	o	o		o	+	o		+
				60	o	o	o		o	+	o		+
				80			o						
				100			o						
				120									
Sodium chromate	7775-11-3	NaCrO4	delution	20	+	+	+	+	+	+	+	o	+
				40	+	+	+	+		+	+	o	+
				60	o		+	+		+	+	-	+
				80			+						
				100			+						
				120									
Sodium cyan	143-33-9			20									
				40			look at Sodium disulfite						
				60									
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Sodium cyanide	143-33-9	NaCN	satura-	20	+	+	+		+	+	+	+	+
			ted	40	+	+	+		+	+	+		+
			solution	60	o	+	+		+	+	+		+
				80		+	+						
				100			+						
				120			+						
Sodium dichromate	10588-01-9	Na2Cr2O7	satura-	20	+	+	+		+	+	+	+	+
			ted	40	+	+	+		+	+	+	+	+
			solution	60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Sodium diphosphate	13472-35-0		satura-	20	+		+			+			
			ted	40	+		+			+			
			solution	60	+		+			+			
				80			+						
				100			+						
				120			+						
Sodium disulfite	7681-57-4	Na2S2O5	satura-	20	+	+	+		+	+	+	o	+
			ted	40	+		+			+	+	-	+
			solution	60	o		+			+	+		+
				80			+						
				100			+						
				120									
Sodium disulphite		Na2S2O5	satura-	20									
			ted	40				siehe Natriumcyanid					
			solution	60									
				80									
				100									
				120									
Sodium dithionite	7775-14-6		10%	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	o	+
				60	o	+	o		+	+	+	-	+
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Sodium fluoride	7681-49-4	NaF	satura-ted solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	+	+	+	+	+	+	+	o	+
				80		+	+						
				100			+						
				120									
Sodium glutamate	6106-04-3		satura-ted solution	20	+	+				+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									
Sodium hexacyanoferrate	13601-19-9		satura-ted solution	20	+					+	+		
				40	+					+	+		
				60	+					+	+		
				80									
				100									
				120									
Sodium hexameta phosphate	68915-31-1		solution	20		+					+		
				40		+					+		
				60		+					+		
				80									
				100									
				120									
Sodium hydrogen carbonate	144-55-8	NaHCO3	satura-ted solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	o	+	+	+	+
				60	+	+	+	+	+	+	+	+	+
				80		+	+				+	+	
				100			+						
				120									
Sodium hydrogen sulfite	7631-90-5	NaHSO3	satura-ted solution	20	+	+	+		+	+	+	o	o
				40	o	+	+		+	+	o	-	-
				60	-	+	+		+	+	-		
				80		+	+						
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Sodium hydrogensulfate	7681-38-1	NaHSO4	satura-ted solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	o	o	+
				60	o	+	+	+	+	+		-	+
				80		+	+						+
				100			+						+
				120			+						
Sodium hydroxide	1310-73-2	NaOH	60%	20	+	+	-	+	+	+	+	o	-
				40	+	+			+	+	+	-	
				60	+	+			+	+	+		
				80		+							
				100									
				120									
Sodium hypochlorite	7681-52-9	NaOCl	13% wirk. Cl bzw. ≤150g/l	20	+	o	o	-	o	+	+	-	o
				40	+	o	o		o	+	+		
				60	o	o	-		o	+			
				80									
				100									
				120									
Sodium hypochlorite 20%	7681-52-9	NaOCl	20%	20		o				+			
				40		o				+			
				60		o				+			
				80		-							
				100									
				120									
Sodium iodide	7681-82-5	NaI	all	20	+	+	+	+	+	+	+	+	+
				40	+		+	+		+	+	+	+
				60	o		+	+		+	+	o	+
				80			+						
				100			+						
				120									
Sodium nitrate	7631-99-4	NaNO3	satura-ted solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80		+	+						
				100			+						
				120			+						

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Sodium nitrite	7632-00-0	NaNO2	saturated solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	o	+
				60	o	+	+		+	+	+	-	+
				80		+	+						
				100			+						
				120			+						
Sodium oxalate	62-76-0		saturated solution	20	+	+	+	+	+	+	+	+	+
				40	+		+			+			
				60	o		o			+			
				80									
				100									
				120									
Sodium penta-chlorphenolate	131-52-2	C6Cl5ONa	saturated solution	20	+	+				+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									
Sodium perborate	11138-47-9	NaBO3*4H2O	saturated solution	20	+	+	+		+	+	+		+
				40	+		+		+	+			
				60	+		+		+	+			
				80			+						
				100			+						
				120			+						
Sodium perchlorate	7601-89-0		saturated solution	20	+	+	+			+			
				40	+	+	+			+			
				60	+	+	+			+			
				80		+	+						
				100			+						
				120			+						
Sodium persulfate	7775-27-1	K2S2O8	saturated solution	20	+	+	+		+	+	+	-	+
				40	+	+	+		+	+	+		+
				60	o	+	+		+	+	+		+
				80			+				+		+
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Sodium phosphate	7601-54-9	Na3PO4	saturated solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80		+	o				+		+
				100			-						+
				120									
Sodium propionate	137-40-6	CH3CH2COONa	saturated solution	20	+	+	+			+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									
Sodium silicate	1344-09-8	Na2SiO3	saturated solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80		+	+						
				100			+						
				120									
Sodium stannate		Na2SnO3	saturated solution	20	+	+				+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									
Sodium sulfate	7757-82-6	Na2SO4	saturated solution	20	+	+	+	+	+	+	+	+	
				40	+	+	+	+	+	+	+	+	
				60	o	+	+	+	+	+	o	+	
				80		+	+						
				100			+						
				120			+						
Sodium sulfide	1313-82-2	Na2S	saturated solution	20	+	+	o	+	+	+	+	+	+
				40	+	+	o	+	+	+	+	+	
				60	o	+	o	+	+	+	+	+	
				80		+					o	o	
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Sodium sulfite	7757-83-7	Na2SO3	saturated solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+		+	+	+	o	+
				60	o	+	+		+	+	+	-	+
				80		+	+						
				100			+						
				120									
Sodium tartrate	6106-24-7		saturated solution	20	+	+				+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									
Sodium thiocyanate	540-72-7		saturated solution	20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60	+	+	+			+	+		+
				80			+						+
				100			+						
				120			+						
Sodium thiosulfate	7772-98-7	Na2S2O3	saturated solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+		+	+	+	o	+
				60	o	+	+		+	+	+	-	+
				80		o	+						
				100			+						
				120									
Sorbic acid	110-44-1		5%	20	+						+		
				40	+						+		
				60							+		
				80									
				100									
				120									
Soybeans oil			technically pure	20	+	+	+			+	+	+	+
				40	+	+	+			o	+	+	+
				60	+	+	+			o	+	+	+
				80		+	+					o	-	+
				100			+							o
				120			+							-

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Spinning bath acid 100mg CS2/l			100mg CS2/l	20	+	+	+		+	+	+	-	+
				40	+		+			+			
				60						+			
				80									
				100									
				120									
Spinning bath acid 700mg CS2/l			700mg CS2/l	20	-	+	+		+	+	-	-	+
				40			+			+			
				60						+			
				80									
				100									
				120									
Spinning bath acid 200mg CS2/l			200mg CS2/l	20	o	+	+		+	+	-	-	+
				40	o		+			+			
				60						+			
				80									
				100									
				120									
Spirits	64-17-5		ca. 40% Ethanol	20									
				40				lokk at Ethanol					
				60									
				80									
				100									
				120									
Spruce needles oil			stan-dard	20	o	+	+		+	+	-	o	+
				40	-	o	+		o	+		o	+
				60		o	+		o	+		o	+
				80									
				100									
				120									
Stannic tetrachloride	7646-78-8			20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		o	+				+	+	+
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Starch rubber	9004-53-9		solution	20		+			+	+			
				40		+			+	+			
				60		+			+	+			
				80									
				100									
				120									
Starch solution			stan-	20	+	+	+	+	+	+	+	+	+
			dard	40	+	+	+	+	+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80			+						
				100			+						
				120									
Starch syrup			stan-	20	+	+	+	+	+	+	+	+	+
			dard	40	+	+	+	+	+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		o	+				+	+	+
				100			+						+
				120									
Stearic acid	57-11-4	C18H37COOH	techni-	20	+	+	+	+	+	+	+	+	+
			cally	40	+	+	+	+	o	+	+	+	+
			pure	60	+	o	+		o	+	o	o	o
				80		o	+						
				100			+						
				120			+						
Strontium nitrate	10042-76-9		all	20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60	o	+	+			+	+	+	+
				80		o	+						
				100			+						
				120			+						
Styrol	100-42-5	C6H5CHCH2		20	-	o	+	-		+	-	-	+
				40			+			+			
				60			+			+			
				80			+						
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Succinic acid	110-15-6	C2H4(COOH)2	satura-	20	+	+	+	+	+	+	+	+	+
			ted	40	+	+	+		+	+	+	+	+
			solution	60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Suet emulsion			stan-	20	+	+	+	+	+	+	-	+	+
			dard	40			+			+			
				60			+			+			
				80									
				100									
				120									
Sugar	57-50-1		satura-	20	+					+			
			ted	40	+					+			
			solution	60	+					+			
				80									
				100									
				120									
Sugar syrup			stan-	20	+	+	+	+	+	+	+	+	+
			dard	40	+	+	+	o	+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80		+	+				+		+
				100			+						
				120			+						
Sulfur	7704-34-9		techni-	20	o	+	+	-	+	+	+	+	+
			cally	40	-	+	+		+	+	+	+	+
			pure	60		+	+		+	+	+	+	+
				80		+	+						+
				100			+						
				120			+						
Sulfur dioxide, dank	7446-09-5	SO2	all	20	+	+	+	-	+	+	+	-	+
				40	+	+	+		+	+	o		o
				60	o	+	+		+	+	-		-
				80			+						
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Sulfur dioxide, liquid	7446-09-5	SO2	technically pure	20 40 60 80 100 120	- 	- 	- 	- 	- 	+ + + 	- 	- 	o
Sulfur hexafluoride	2551-62-4	SF6	technically pure	20 40 60 80 100 120	+ 	+ 	+ 	 	 	+ + + 	+ 	+ 	o
Sulfuric acid 10%	7664-93-9	H2SO4	10%	20 40 60 80 100 120	+ + + 	+ + o 	+ + + + + o	- 	+ + o 	+ + + 	o o - 	+ - 	+ + o -
Sulfuric acid 30%	7664-93-9	H2SO4	30%	20 40 60 80 100 120	+ + + 	+ + o 	+ + + + + o	- 	+ + o 	+ + + 	o o - 	+ - 	+ + o -
Sulfuric acid 40%	7664-93-9	H2SO4	40%	20 40 60 80 100 120	+ + + 	+ + o 	+ + + + + o	- 	+ + o 	+ + + 	o o - 	+ - 	+ + o -
Sulfuric acid 60%	7664-93-9	H2SO4	60%	20 40 60 80 100 120	+ + + 	+ + o 	+ + + + + o	- 	+ + o 	+ + + 	o o - 	+ - 	+ + o -

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Sulfuric acid 80%	7664-93-9	H2SO4	80%	20	+	+	+	-	+	+	o	+	+
				40	+	+	+		+	+	o	-	+
				60	+	o	+		o	+	-		o
				80			+						-
				100			+						
				120			o						
Sulfuric acid 96%	7664-93-9	H2SO4	96%	20	+	-	-	-	-	+	-	-	+
				40	+					+			+
				60	o					+			+
				80									
				100									
				120									
Sulfuric acid 98%	7664-93-9	H2SO4	98%	20	+	-	-	-	-	+	-	-	o
				40	o					+			
				60						+			
				80									
				100									
				120									
Sulfuric acid solution	7664-93-9	H2SO4		20	look at Sulfuric acid 40%								
				40									
				60									
				80									
				100									
				120									
Sulfuric acid, chlorine sated		H2SO4+Cl2	60%	20			+			+			
				40			+			+			
				60			+			+			
				80			+						
				100			+						
				120									
Sulfuric chloride	10025-67-9		technically pure	20	-	-	+			+	-	-	+
				40						+			
				60						+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Sulfuric trioxide	7446-11-9		technically pure	20	-	-	-	-	-	+	-	-	-
				40						+			
				60						+			
				80									
				100									
				120									
Sulfurous acid	7782-99-2	H2SO3	saturated solution	20	+	+	+	o	+	+	+	-	+
				40	+	+	+	+	+	+	-		+
				60	o	+	+		+	+			o
				80			+						-
				100			+						
				120									
Sulfuryl chloride	7791-25-5		technically pure	20	-	-	o	-	-	+	o	-	+
				40			o			+			
				60						+			
				80									
				100									
				120									
Sulphite liquor			6%	20	+	+	+			+	+	-	+
				40	+	+	+			+	+		+
				60	+	+	+			+	+		+
				80		+	+						
				100			+						
				120			+						
Surface-active agent			5%	20	o	+	+	-	+	+	+	+	+
				40	o	o	o			+			
				60	o	o	o			+			
				80			o						
				100									
				120									
Tall oil	8002-26-4			20	+	+	+			+	o	o	o
				40						+			
				60						+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Tallow			stan-	20	+	+	+	-	+	+	+	+	+
			dard	40	+	+	+		+	+	+	+	+
				60	+	-	+		+	+	+	+	+
				80			+						
				100			+						
				120									
Tannic acid	1401-55-4		solution	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+			
				60	+	+	+		+	+			
				80									
				100									
				120									
Tannic essence			stan-	20	+	+	+	+	+	+	+	+	+
			dard	40		-		+		+			
				60						+			
				80									
				100									
				120									
Tannic leach				20	+	+	+			+	+	+	
				40						+			
				60						+			
				80									
				100									
				120									
Tannin	1401-55-4		solution	20									
				40			look at Tannic acid						
				60									
				80									
				100									
				120									
Tannin acid			10%	20	o		+		+	+	o	o	+
				40						+			
				60						+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Tar oils	101316-87-4			20	+	-					+	o	o	o
				40							+			
				60							+			
				80										
				100										
				120										
Tartaric acid 10%		(CHOH)2(COOH)2	10%	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80									
				100									
				120									
Tartaric acid GL		(CHOH)2(COOH)2	satura-	20	+	+	+	+	+	+	+	+	+
			ted	40	+	+	+	+	+	+	o	+	+
			solution	60	o	+	+		+	+	-	o	+
				80			+						
				100			+						
				120			+						
Testing benzene			techni-	20	+	o	+		+	+	-	o	o
			cally	40	+	-	+		-	+		-	o
			pure	60	+		+			+			o
				80									
				100									
				120									
Tetrachloroethene	79-34-5		techni-	20	-	o	+	-	o	+	-	-	o
			cally	40		-	+		o	+			o
			pure	60			o		-	+			o
				80									
				100									
				120									
Tetrachloro-ethylene		C2Cl4	techni-	20									
			cally	40	look at Perchloroethylene								
			pure	60									
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Tetrachoroethane			technically pure	20 40 60 80 100 120	look at Perchloroethylene								
Tetraethyllead	78-00-2	Pb (CH2CH3)4	technically pure	20 40 60 80 100 120	+	+	+	-	+	+ + +	o	+	+
Tetrafluoroboric acid	16872-11-0	HBF4	50%	20 40 60 80 100 120	look at Fluoroboric acid								
Tetrahydrofuran	109-99-9	C4H8O	technically pure	20 40 60 80 100 120	-	o -	-	-	o o -	+ + +	o	-	-
Tetrahydron-aphthalene	119-64-2	C10H12	technically pure	20 40 60 80 100 120	-	-	+	-	o o -	+ + +	-	-	+ + +
Thionyl chloride	7719-09-7		technically pure	20 40 60 80 100 120	-	-	o o -	-	-	+ + +	o	-	-

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Thiophene	110-02-1	C4H4S	technically pure	20	-	o			o	+	-	-	-
				40		o			o	+			
				60		o			-	+			
				80									
				100									
				120									
Tin (II) chloride	7772-99-8	SnCl2	saturated solution	20	+	+	+	+	+	+	+	+	+
				40	o	+	+	+	+	+	o	+	+
				60	o	+	+		+	+	-	o	+
				80		+	+						
				100			+						
				120									
Tin(IV) chloride	7646-78-8	SnCl4	saturated solution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		o	+				+	+	+
				100									
				120									
Toluen	108-88-3	C6H5CH3	technically pure	20	-	o	+	-	o	+	-	-	+
				40		-	+		-	+			
				60			+			+			
				80			o						
				100			-						
				120									
Tomato juice				20	+	+	+			+			
				40	+	+	+			+			
				60	+	+	+			+			
				80		+	+						
				100			+						
				120			+						
Transformer oil			technically pure	20	o	o	+		+	+	-	+	o
				40	o	o	+		o	+		+	-
				60	o	-	+		o	+		+	
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Triacetate	102-76-1	(CH3COO)3C3H5	technically pure	20 40 60 80 100 120	+ +				+ +	+ + +	-	-	-
Triammonium phosphate			all	20 40 60 80 100 120	+	+				+ + +	+		+
Tributyl phosphate	126-73-8	PO(OC4H9)3	technically pure	20 40 60 80 100 120	-	+ + o	+ + +	-	+ + +	+ + +	-	+ + +	+ o o
Trichloroacetic acid	76-03-9	(Cl)3CCOOH	technically pure	20 40 60 80 100 120	o	+ + o	o o o	-	+ o -	+ + +	o -	-	-
Trichloroethane	71-55-6	CH3CCl3	technically pure	20 40 60 80 100 120	-	o	+ + o -	-	o	+ + +	-	-	+
Trichloroethylene	79-01-6	Cl2CCCl	technically pure	20 40 60 80 100 120	-	o	+ + + o	-	-	+ + +	-	-	+

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Trichloromethane	67-66-3	CHCl3		20	-	-	+		o	+	-	-	o
				40			+		o	+			
				60			+		-	+			
				80			+						
				100									
				120									
Triethanolamine L	102-71-6	N(CH2CH2OH)3	solution	20		+	+		+	+	o	+	+
				40			+		+	+			
				60			+			+			
				80									
				100									
				120									
Triethanolamine TR	102-71-6	N(CH2CH2OH)3	techni-	20	-	+	+	-	+	+	-	-	-
			cally	40		+	+		o	+			
			pure	60			+		o	+			
				80									
				100									
				120									
Triethylamine	121-44-8		techni-	20	-	+	o	-	+	+	-	-	-
			cally	40			-			+			
			pure	60						+			
				80									
				100									
				120									
Trifluorine			techni-	20	+		+			+	-	+	+
			cally	40	+		+			+			
			pure	60						+			
				80									
				100									
				120									
Trifluoroacetic acid	76-05-1	CF3COOH	50%	20	-	+	+	-	+	+	o	-	-
				40			o			+			
				60						+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Trilone			stan-	20	o		+			+	+	-	o
			dard	40	o		+			+	+		
				60	o		+			+	+		
				80									
				100									
				120									
Trimethyl benzene			techni-	20	o	o	+			+	+	-	-
			cally	40			+			+	+		
			pure	60			+			+	+		
				80									
				100									
				120									
Trioctyl phosphate	1330-78-5		techni-	20	-	o	+	-	+	+	-	-	-
			cally	40		o	+		+	+			
			pure	60		o	+		+	+			
				80									
				100									
				120									
Tritolyl phosphate			techni-	20	-	+	+	-	+	+	+	o	-
			cally	40		o	+		+	+	-	-	
			pure	60		+	+		o	+			
				80									
				100									
				120									
Turpentine oil			techni-	20									
			cally	40				look at Wood oil					
			pure	60									
				80									
				100									
				120									
Uranium hexafluoride	7783-81-5	UF6	techni-	20	+	+				+	+	+	+
			cally	40						+			
			pure	60						+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Urea	57-13-6	CO(NH2)2	33%	20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80			+						
				100			o						
				120									
Urine			stan-	20	+	+	+	+	+	+	+	+	+
			dard	40	+	+	+	+	+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80			+						
				100			+						
				120									
Vaseline			techni-	20	-	+	+	-	o	+	-	+	+
			cally	40		-	+		-	+		+	+
			pure	60			+			+		+	+
				80			+					+	+
				100			+					+	+
				120			+						+
Vaseline oil				20									
				40			look at Paraffin oil						
				60									
				80									
				100									
				120									
Vinegar			stan-	20	+	+	+	o	+	+	+	o	o
			dard	40	+	+	+		+	+	+	o	-
				60	o	+	+		+	+	+	o	
				80		+	+						
				100			+						
				120									
Vinyl acetate	108-05-4	CH2CHOOCH2 CH3	techni-	20	-	+	+	-	+	+	+	-	-
			cally	40		+	-		+	+	+		
			pure	60		o			o	+	+		
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Vinyl chloride	75-01-4	CH2CHCl	technically pure	20	-	-	+	-	-	+	-	-	+
				40			+			+			
				60			+			+			
				80			+						
				100									
				120									
Viscose dope			standard	20	+	+	+	-	+	+	+	-	+
				40	+	+	+		+	+	+		+
				60	+	+	+		+	+	+		+
				80									
				100									
				120									
Water	H2O		≤0.1 ppm Cl2	20	+	+	+	+			+	+	+
				40	+	+	+	+			+	+	+
				60	+	+	+	+			o	+	+
				80		+	+					o	+
				100		+	+						+
				120			+						
				140			+						
Water (destilled)	7732-18-5	H2O		20	+	+	+	+	+	+	+	+	+
				40	+	+	+	+	+	+	+	+	+
				60	+	+	+	+	+	+	o	+	+
				80		+	+					+	+
				100		+	+					+	+
				120									
Water glas				20									
				40			look at Sodium silicate						
				60									
				80									
				100									
				120									
Water vapour	7732-18-5	H2O		20	-	-	+		+	+	+	o	+
				40					+	+			
				60					+	+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Whiskey			stan-	20	+	+	+			+	+	+	+
			dard	40	+	+	+			+	+	+	+
				60	+	+	+			+	+		+
				80			+				+		
				100			+						
				120			+						
White vinegar				20									
				40			look at Vinegar						
				60									
				80									
				100									
				120									
Woll grease				20	+	-				+	-		+
				40						+			
				60						+			
				80									
				100									
				120									
Wood oil	8006-64-2			20	+	-	+	-	o	+	-	o	+
				40	o		+		o	+		o	+
				60			+		o	+		o	+
				80									
				100									
				120									
Wood tar oil				20	o	-				+	-	-	-
				40						+			
				60						+			
				80									
				100									
				120									
Xenon	7440-63-3	Xe		20	+	+	+			+	+	+	+
				40						+			
				60						+			
				80									
				100									
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Xylene	1330-20-7	C6H4(CH3)2	technically pure	20	-	-	+	-	-	+	-	-	+
				40			+			+			o
				60			o			+			-
				80			-						
				100									
				120									
Yeast			all	20	+	+	+	+	+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	o	+	+		+	+			
				80			+						
				100									
				120									
Yeast flavour				20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	o	+	+		+	+	+	+	+
				80									
				100									
				120									
Zinc acetate	557-34-6			20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60	+	+	+			+	+	+	+
				80		+	+				+	+	+
				100			+						+
				120			+						
Zinc bromide	7699-45-8		saturated solution	20	+	+	+			+	+	+	+
				40	+	+	+			+	+	+	+
				60	+	+	+			+	+	+	+
				80			+						
				100									
				120									
Zinc carbonate	3486-35-9	ZnCO3	saturated solution	20			+		+	+			
				40			+		+	+			
				60			+		+	+			
				80			+						
				100			+						
				120									

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM	
Zinc chloride	7646-85-7	ZnCl2	satura-ted solution	20	+	+	+		+	+	+	+	+	
				40	+	+	+		+	+	+	+	+	
				60	o	+	+		+	+	+	+	+	
				80		+	+				+	+	+	
				100			+						+	
				120										
Zinc nitrate	7779-88-6	Zn(NO3)2	satura-ted solution	20	+	+	+	+	+	+	+	+	+	
				40	+	+	+		+	+	+	+	+	
				60	+	+	+		+	+	+	+	+	
				80		+	+				+	+	+	
				100			+						+	
				120			+							
Zinc oxide	1314-13-2	ZnO	satura-ted solution	20			+		+	+				
				40			+		+	+				
				60			+		+	+				
				80			+							
				100			+							
				120										
Zinc phosphate	7779-90-0	Zn3(PO4)2	satura-ted solution	20			+			+				
				40			+			+				
				60			+			+				
				80			+							
				100			+							
				120										
Zinc salts			all	20	+	+	+	+	+	+	+	+	+	
				40	+	+	+	+	+	+	+	o	+	
				60	+	+	+		+	+	+	-	+	
				80		+	+							
				100			+							
				120			+							
Zinc stearate	557-05-1	Zn(C17H35COO)2	suspen-sion	20			+			+				
				40			+			+				
				60			+			+				
				80			+							
				100			+							
				120										

Medium	CAS	Chemical Formular	Concentration	°C	PVC-U	PP	PVDF	ABS	PEHD	PTFE	EPDM	NBR	FPM
Zinc sulfate	7733-02-0	ZnSO4	saturated solution	20	+	+	+		+	+	+	+	+
				40	+	+	+		+	+	+	+	+
				60	+	+	+		+	+	+	+	+
				80		+	+				+	+	+
				100			+						
				120									
Zincate, disodum	12179-14-5	Na2[Zn(OH)4]	saturated solution	20						+	+	o	+
				40						+			
				60						+			
				80									
				100									
				120									

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