

Legend:

ISO resin: isophtalic resins
 VE-low T resin: vinylester low temperature resins
 VE-high T resin: vinylester high temperature resins
 BIS resin: bisphenolic resin

CHEMICAL	CHEM. FORMULA	CONC. %	MAX. RECOMMENDED TEMP. °C			
			ISO resin	VE-low T resin	VE-high T resin	BIS resin
Acetic Acid	CH ₃ COOH	10	40	100	100	90
Acetic Acid	CH ₃ COOH	25	25	100	100	90
Acetic Acid	CH ₃ COOH	75		65	65	60
Acetic Acid, Glacial	CH ₃ COOH	100			40	
Acetone	CH ₃ COOH ₃	10			80	80
Aluminium Chloride	AlCl ₃	All	50	100	120	90
Aluminium Sulfate	Al ₂ (SO ₄) ₃	All	50	100	120	90
Ammonia	NH ₃	Gas				90
Ammonium Chloride	NH ₄ Cl	All	50	100	100	90
Ammonium Fluoride	NH ₄ F	All		65	65	50
Ammonium Hydroxide	NH ₄ OH	10 & 20		65	65	60
Ammonium Nitrate	NH ₄ NO ₃	All	25	100	120	90
Ammonium Sulfate	(NH ₄) ₂ SO ₄	All	50	100	120	90
Amyl Alcohol	C ₅ H ₁₁ OH	All	25	50	100	65
Aniline	C ₆ H ₅ NH ₂	100			20	
Barium Carbonate	BaCO ₃	All		100	120	90
Barium Chloride	BaCl ₂	All	50	100	100	90
Benzaldehyde	C ₇ H ₅ CHO	100			20	
Benzene	C ₆ H ₆	100			40	
Benzoic Acid	C ₆ H ₅ COOH	All	40	100	100	90
Boric Acid	H ₃ BO ₃	All	50	100	100	90
Bromine gas	Br ₂	All		40	40	80
Butyl Acetate	C ₆ H ₁₂ O ₂	All			30	
Butyl Alcohol	C ₄ H ₉ OH	All	25	50	50	45
Butyric Acid	CH ₃ (CH ₂) ₂ ~COOH	25 % 50		100	100	
Butyric Acid	CH ₃ (CH ₂) ₂ ~COOH	100		30	50	
Calcium Chlorate	Ca(ClO ₃) ₂	All	50	100	120	90
Calcium Chloride	CaCl ₂	All	50	100	120	90
Calcium Hydroxide	Ca(OH) ₂	All	25	80	65	70
Calcium Hypochloride	Ca(ClO) ₂	All		80		
Carbon Dioxide	CO ₂	Gas	60	100	180	90
Carbon Tetrachloride	CCl ₄	100		65	80	45
Chlorine	Cl ₂	Gas		100	120	90
Chlorine Dioxide	ClO ₂	All		65	65	70
Chlorine Water	HOCl	All		80	100	80
Chloroacetic Acid	CH ₂ ClCOOH	25		50	50	90
Chloroacetic Acid	CH ₂ ClCOOH	50		40	40	60
Chlorobenzene	C ₆ H ₅ Cl	100			40	
Chloroform	CHCl ₃	100				
Chromic Acid	H ₂ CrO ₄	10		65	65	45
Citric Acid	HOC(CH ₂ ~COOH) ₂ COOH	All	50	100	100	90
Copper Chloride	CuCl ₂	All	50	100	120	90
Copper Cyanide	CuCN	All		100	100	90
Copper Sulfate	CuSO ₄	All	50	100	120	90
Crude Oil			50	100	120	90
Dibutyl Phthalate	C ₆ H ₄ ~(COOC ₄ H ₉) ₂	100				80
Dichlorobenzene	(C ₆ H ₄)Cl ₂	100			50	25

Diesel Fuel		100	35	80	100	80
Diethylene Glycol	HO(CH ₂) ₂ O~(CH ₂) ₂ OH	100	50	80	100	90
Diethyl Phthalate	C ₁₂ H ₁₄ O ₄	100				
Dimethyl Phthalate	C ₁₀ H ₁₀ O ₄	100	50	65	80	65
Ethyl Alcohol	C ₂ H ₅ OH	All	25	30	40	25
Ethyl Chloride	CH ₃ CH ₂ Cl	100			30	
Ethylene Dichloride	(CH ₂) ₂ Cl ₂	100			30	
Ethylene Glycol	HOCH ₂ CH ₂ OH	100	50	100	100	
Fatty Acids	CH ₃ (CH ₂) _n ~COOH	All	50	100	120	90
Ferric III Chloride	FeCl ₃	All	50	100	100	90
Ferric III Nitrate	Fe(NO ₃) ₃	All	40	100	100	90
Ferric III Sulfate	Fe ₂ (SO ₄) ₃	All	50	100	100	90
Ferrous II Chloride	FeCl ₂	All	40	100	100	90
Ferrous II Nitrate	Fe(NO ₃) ₂	All	40	100	100	90
Ferrous II Sulfate	FeSO ₄	All	50	100	100	90
Fluorine	F ₂	Gas		30	30	
Formic Acid	HCOOH	10		80	80	65
Formic Acid	HCOOH	100			40	
Gasoline			25	80	80	45
Glycerol	HOCH ₂ CH~(OH)CH ₂ OH	100	60	100	100	90
Heptane	C ₇ H ₁₆	100	25	100	100	65
Hydrochloric Acid	HCl	10	40	80	110	90
Hydrochloric Acid	HCl	20	25	80	110	90
Hydrochloric Acid	HCl	37		40	80	45
Hydrofluoric Acid	HF	10		65	65	
Hydrofluoric Acid	HF	20		40	40	40
Hydrogen Peroxide	H ₂ O ₂	30		65	65	40
Hydrogen Sulfide	H ₂ S	100		80	100	90
Isopropyl Alcohol	CH ₃ CH(OH)~CH ₃	All	25	50	50	45
Kerosene		100	25	80	80	60
Lactic Acid	CH ₃ ~CHOHCOOH	All		100	100	90
Lead Acetate	(CH ₃ COO) ₂ Pb	All	50	100	110	80
Linseed Oil		100	60	100	110	90
Magnesium Carbonate	MgCO ₃	All	50	80	80	65
Magnesium Chloride	MgCl ₂	All	50	100	120	90
Magnesium Sulfate	MgSO ₄	All	50	100	120	90
Mercuric I Chloride	Hg ₂ Cl ₂	All	50	100	100	90
Mercuric II Chloride	HgCl ₂	All	50	100	100	90
Methyl Alcohol	CH ₃ OH	100			40	25
Naphta		100	25	80	100	65
Naphtalene	C ₂ OH ₈	100	40	100	100	
Nickel Chloride	NiCl ₂	All	50	100	100	90
Nickel Nitrate	Ni(NO ₃) ₂	All	50	100	100	90
Nickel Sulfate	NiSO ₄	All	50	100	100	90
Nitric Acid	HNO ₃	5		65	80	50
Nitric Acid	HNO ₃	20		50	65	
Nitrobenzene	C ₆ H ₅ NO ₂	100			40	
Oleic Acid	C ₁₇ H ₃₃ COOH	All	50	100	95	90
Oxalic Acid	(COOH) ₂	All	30			90
Perchloric Acid	HClO ₄	30		40	40	
Phenol	C ₆ H ₅ OH	88			20	
Phosphoric Acid	H ₃ PO ₄	10	50	100	100	
Phosphoric Acid	H ₃ PO ₄	20	50	100	100	
Phosphoric Acid	H ₃ PO ₄	50	25	100	100	
Phosphoric Acid	H ₃ PO ₄	80		100	100	90
Phtalic Anhydride	C ₆ H ₄ (CO) ₂ O	All	40	100	100	90
Potassium Bicarbonate	KHCO ₃	50		80	80	45
Potassium Carbonate	K ₂ CO ₃	10 & 25		65	65	65
Potassium Chloride	KCl	All	50	100	100	90

Potassium Dichromate	$K_2Cr_2O_7$	All		100	100	90
Potassium Ferricyanide	$K_3Fe(CN)_6$	All	50	100	100	90
Potassium Ferrocyanide	$K_4[Fe(CN)_6] \cdot 3H_2O$	All	50	100	100	90
Potassium Hydroxide	KOH	10 & 25		65	65	65
Potassium Nitrate	KNO_3	All		100	100	90
Potassium Permanganate	$KMnO_4$	All		100	100	90
Potassium Sulfate	K_2SO_4	All	50	100	100	90
Propylene Glycol	$CH_3 \sim CHOHCH_2OH$	All	50	100	100	90
Silver Nitrate	$AgNO_3$	All	25	100	100	90
Sodium Acetate	CH_3COONa	All	50	100	100	90
Sodium Bicarbonate	$NaHCO_3$	All	50	80	80	80
Sodium Carbonate	Na_2CO_3	15:20		80	80	80
Sodium Cyanide	$NaCN$	All		100	100	90
Sodium Hydroxide	$NaOH$	5 & 10		100	100	65
Sodium Hypochlorite	$NaOCl$	5,25		80		
Sodium Nitrate	$NaNO_3$	All	50	100	100	90
Sodium Sulfate	Na_2SO_4	All	50	100	100	90
Sodium Sulfide	Na_2S	All		100	100	90
Stannic II Chloride	$SnCl_2$	All	50	100	100	65
Stannus IV Chloride	$SnCl_4$	All	50	100	100	90
Stearic Acid	$C_{17}H_{35}COOH$	All	40	100	100	90
Sulphur Dioxide	SO_2	Dry gas	60	100	120	90
Sulphuric Acid	H_2SO_4	10	45	100	100	90
Sulphuric Acid	H_2SO_4	50	45	90	90	90
Sulphuric Acid	H_2SO_4	70		80	80	80
Sulphuric Acid	H_2SO_4	80		40	50	40
Tannic Acid	$C_{76}H_{52}O_{46}$	All	40	100	100	90
Toluene	$C_6H_5CH_3$	100		30	50	
Trisodium phosphate	$Na_3(SO_4)_2$	All		100	120	80
Water Demineralized	H_2O		50	80	80	90
Water Distilled	H_2O		50	80	80	90
Water Sea	H_2O		60	80	80	90
Xylene	$C_6H_4(CH_3)_2$	100	25	30	50	
Zinc Chloride	$ZnCl_2$	70	50	100	155	90
Zinc Sulfate	$ZnSO_4$	All	50	100	120	90