

	°C	PELD		PEHD		PP		PS		TPX		ABS		PMMA		PC		PVC		PTFE	
		20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50
1,4 - dioxane		●	■	●	●	■	■	✕	✕	■	■			✕	✕	■	■	✕	✕	●	●
Acetaldehyde		●	✕	●	■	●	✕	✕	✕	●	✕	✕	✕	✕	✕	■	✕	■	✕	●	●
Acetic acid		●	●	●	●	●	●	■	■	●	●	✕	✕	✕	✕	●	■	●	■	●	●
Acetone		■	✕	●	●	●	●	✕	✕	●	●	■	■	✕	✕	✕	✕	✕	✕	●	●
Acrylonitrile		●	●	●	●	■	✕	✕	✕	✕	✕			✕	✕	✕	✕	✕	✕	●	●
Adipic acid		●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	■	●	●
Aluminium chloride		●	●	●	●	●	●	●	●	●	●			●	●	✕	✕	●	■	●	●
Aluminium hydroxide		●	●	●	●	●	●	■	■	●	■			■	■	■	✕	●	●	●	●
Allyl alcohol		●	●	●	●	●	●	●	■	●	■			✕	✕	●	■	■	✕	●	●
Amino acids		●	●	●	●	●	●	●	●	●	●					●	●	●	●	●	●
Ammoniac		●	●	●	●	●	●	■	✕	●	●			●	●	✕	✕	■	■	●	●
Ammonic hydroxide (30 %)		●	●	●	●	●	●	■	✕	●	●	●	■	●	●	✕	✕	●	■	●	●
Ammonium chloride		●	●	●	●	●	●	●	●	●	●	●	●	■	■	■	■	●	■	●	●
Amyl acetate		■	✕	●	■	■	✕	✕	✕	●	■			●	●	✕	✕	✕	✕	●	●
Amyl alcohol		●	●	●	●	●	●	■	■	●	●					●	●	■	■	●	●
Amyl chloride		✕	✕	✕	✕	✕	✕	✕	✕	✕	✕			✕	✕	✕	✕	✕	✕	●	●
Aniline		●	■	●	●	●	●	✕	✕	●	■	✕	✕	✕	✕	■	✕	✕	✕	●	●
Aqua regia		✕	✕	✕	✕	■	✕	■	✕	■	■	✕	✕	✕	✕	✕	✕	■	■	●	●
Benzaldehyde		●	●	●	●	●	●	✕	✕	●	●	✕	✕	✕	✕	■	✕	✕	✕	●	●
Benzene		■	✕	●	●	●	■	✕	✕	●	■	✕	✕	✕	✕	✕	✕	✕	✕	●	●
Benzine		■	✕	●	●	■	■	✕	✕	●	■			●	●	■	✕	●	●	●	●
Benzoid acid		✕	✕	✕	✕	✕	✕	✕	✕	✕	✕			✕	✕	■	■	■	■	●	●
Boric acid (10 %)		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Bromine		✕	✕	✕	✕	✕	✕	✕	✕	✕	✕			✕	✕	✕	✕	✕	✕	●	●
Bromoform		✕	✕	✕	✕	✕	✕	✕	✕	✕	✕			✕	✕	✕	✕	✕	✕	●	●
Butyl acetate		■	■	●	●	■	■	✕	✕	●	■	✕	✕	✕	✕	✕	✕	✕	✕	●	●
Butyl alcohol		●	●	●	●	●	●	■	✕	●	■	✕	✕	■	✕	■	■	■	■	●	●
Calcium chloride		●	●	●	●	●	●	●	●	●	●			●	●	●	●	■	✕	●	●
Calcium hydroxide		●	●	●	●	●	●	●	■	●	●			●	●	✕	✕	●	●	●	●
Calcium hypochlorit		●	●	●	●	●	●	●	●	●	■			■	■	■	✕	■	✕	●	●
Carbon sulphate		✕	✕	✕	✕	✕	✕	✕	✕	✕	✕			✕	✕	✕	✕	✕	✕	●	●
Carbon tetrachloride		✕	✕	■	✕	✕	✕	✕	✕	✕	✕			■	✕	✕	✕	✕	✕	●	●
Citric acid		●	●	●	●	●	●	●	■	●	●	●	●			●	■	■	■	●	●
Cupric sulphate		●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	■	●	●
Chlorine (10 %)		■	✕	■	✕	■	✕	✕	✕	■	✕			■	✕	■	■	■	✕	●	●
Chlorine water		✕	✕	✕	✕	✕	✕	✕	✕	■	✕	●	●	✕	✕	✕	✕	✕	✕	●	●
Chloroform		✕	✕	●	■	✕	✕	✕	✕	■	✕	✕	✕	✕	✕	✕	✕	✕	✕	●	●
Chlorydic acid (35 %)		●	●	●	●	●	●	■	■	●	●			■	✕	✕	✕	■	✕	●	●
Chromic acid (10 %)		●	●	●	●	●	●	■	■	●	●			■	✕	●	■	●	■	●	●
Chromic acid (50 %)		●	■	●	■	■	■	✕	✕	■	■			✕	✕	■	✕	●	✕	●	●
Chromic sulphate blend		●	✕	●	✕	✕	✕	■	■	■	✕			✕	✕	✕	✕	●	■	●	●
Decahydronaphtalene		■	■	■	■	✕	✕	✕	✕	■	✕			✕	✕	✕	✕	●	■	●	●
Dichlorobenzene		■	✕	■	✕	■	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	●	●
Diethylene glycol		●	●	●	●	●	●	■	✕	●	●			✕	✕	■	■	✕	✕	●	●
Dimethyl formamide		●	●	●	●	●	●	✕	✕	●	●			✕	✕	✕	✕	■	✕	●	●
Dimethyl sulphoxide		●	●	●	●	●	●	✕	✕	●	●			✕	✕	✕	✕	✕	✕	●	●
Ether		✕	✕	■	✕	■	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	●	●
Ethyl acetate		●	●	●	●	●	●	✕	✕	●	■	✕	✕			✕	✕	✕	✕	●	●
Ethyl alcohol (100%)		●	●	●	●	●	●	✕	✕	●	■	■	■	✕	✕	●	■	●	■	●	●
Ethylene chloride		✕	✕	✕	✕	■	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	✕	●	●
Ethylene oxide		■	■	■	■	■	✕	✕	✕	■	✕			✕	✕	■	✕	■	✕	●	●
Fluorine		✕	✕	✕	✕	✕	✕	✕	✕	■	✕			✕	✕	■	■	●	●	●	●
Formaldehyde (40 %)		●	●	●	●	●	●	✕	✕	●	●	■	✕	✕	✕	●	■	■	✕	●	●
Formic acid (98-100 %)		●	●	●	●	●	●	●	■	●	●	■	■	✕	✕	●	■	✕	✕	●	●
Fuel oil		■	✕	●	■	●	●	✕	✕	■	■			■	✕	●	■	✕	✕	●	●
Glacial acetic acid		●	■	●	●	●	■	✕	✕	●	■	✕	✕			✕	✕	●	■	●	●
Glycerine		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Glycol		●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●

	°C	PELD		PEHD		PP		PS		TPX		ABS		PMMA		PC		PVC		PTFE	
		20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50
Hexane		✖	✖	●	■	●	■	■	✖	■	✖	✖	✖	●	●	✖	✖	■	✖	●	●
Hydrofluoric acid (40 %)		●	●	●	●	●	●	●	●	●	●			✖	✖	✖	✖	■	✖	●	●
Hydrofluoric acid (70 %)		●	✖	●	■	●	■	✖	✖	●	■			✖	✖	✖	✖	✖	✖	●	●
Hydrogen peroxide (35%)		●	●	●	●	●	●	●	●	●	●	✖	✖	✖	✖	●	●	●	■	●	●
Iodine		✖	✖	✖	✖	●	●	■	✖	●	■			✖	✖	■	✖	✖	✖	●	●
Isobutyl alcohol		●	●	●	●	●	●	■	■	●	●			■	✖	●	●	●	■	●	●
Isopropyl alcohol		●	●	●	●	●	●	■	■	●	●			■	✖	●	●	●	■	●	●
Isopropyl benzene		■	✖	●	■	■	✖	✖	✖	✖	✖			✖	✖	✖	✖	✖	✖	●	●
Lactic acid		●	●	●	●	●	●	●	●	●	●	●	●	■	✖	●	●	■	■	●	●
Mercurous chloride		●	●	●	●	●	●	●	■	●	●			●	●	●	●	✖	✖	●	●
Mercury		●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●
Methyl acetate		■	✖	■	■	●	■	✖	✖	●	●	✖	✖			✖	✖	✖	✖	●	●
Methyl alcohol		●	■	●	●	●	●	■	✖	●	●	■	✖	✖	✖	●	■	●	■	●	●
Methyl propyl ketone		●	■	●	●	●	■	✖	✖	■	■			✖	✖	✖	✖	✖	✖	●	●
Methylene chloride		✖	✖	■	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	●	●
Mineral oil		●	■	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●
Monochloroacetic acid		●	●	●	●	●	●	✖	✖	●	●			■	✖	■	✖	●	●	●	●
Nitric acid (10 %)		●	●	●	●	●	●	✖	✖	●	●	●	●	●	■	●	■	●	■	●	●
Nitric acid (50 %)		■	■	■	✖	■	✖	✖	✖	■	✖			■	■	●	■	■	✖	●	●
Nitric acid (70 %)		✖	✖	✖	✖	✖	✖	✖	✖	■	✖	✖	✖	■	✖	✖	✖	✖	✖	●	●
Nitrobenzene		✖	✖	■	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	●	●
Oxalic acid		●	●	●	●	●	●	●	●	●	●	●	■	●	●	●	●	●	●	●	●
Ozone		●	●	●	●	●	●	■	■	●	●			●	●	●	●	●	■	●	●
Perchloric acid		●	✖	●	✖	●	✖	✖	✖	■	✖	✖	✖	✖	✖	✖	✖	■	✖	●	●
Perchloroethylene		✖	✖	✖	✖	✖	✖	✖	✖	✖	✖			■	✖	✖	✖	✖	✖	●	●
Phenol (100 %)		●	■	●	●	●	●	✖	✖	■	■			✖	✖	✖	✖	✖	✖	●	●
Phosphoric acid (85 %)		●	●	●	●	●	●	●	■	●	●	●	●	✖	✖	●	●	●	■	●	●
Phtalat dibutyllic		■	✖	■	✖	●	■	✖	✖	●	■			✖	✖	✖	✖	✖	✖	●	●
Potassium chloride		●	●	●	●	●	●	■	■	●	●			●	●	●	●	●	■	●	●
Potassium hydroxide		●	●	●	●	●	●	■	■	●	●	●	●	●	●	✖	✖	■	■	●	●
Potassium permanganate		●	●	●	●	●	●	●	●	●	●	■	■	●	●	●	●	●	●	●	●
Propylene glycol		●	●	●	●	●	●	●	●	●	●	●	●			●	■	✖	✖	●	●
Propylene oxide		●	●	●	●	●	●	✖	✖	●	●					✖	✖	✖	✖	●	●
Pyridine		●	■	●	■	■	■	✖	✖	●	■	✖	✖	✖	✖	✖	✖	■	✖	●	●
Salicylic acid		●	●	●	●	●	●	●	●	●	●							■	✖	●	●
Salicylic aldehyde		●	●	●	●	●	●	✖	✖	●	●					■	■	✖	✖	●	●
Silver acetate		●	●	●	●	●	●	■	■	●	●			■	■	●	●	■	■	●	●
Silver nitrate		●	●	●	●	●	●	■	■	●	●			●	●	●	●	■	■	●	●
Sodium acetate		●	●	●	●	●	●	●	●	●	●			✖	✖	●	●	■	■	●	●
Sodium dichromate		●	●	●	●	●	●	●	●	●	●			●	●			●	●	●	●
Sodium hydroxide		●	●	●	●	●	●	●	●	●	●	●	●			✖	✖	●	●	●	●
Sulfuric acid (60 %)		●	●	●	●	●	●	✖	✖	●	●			✖	✖	■	■	■	✖	●	●
Sulfuric acid (98 %)		■	✖	■	✖	✖	✖	✖	✖	●	●	✖	✖	✖	✖	✖	✖	✖	✖	●	●
Tartaric acid		●	●	●	●	●	●	●	●	●	●			■	■	●	●	●	●	●	●
Tetrahydrofuran		✖	✖	■	✖	✖	✖	✖	✖	■	✖	✖	✖	✖	✖	✖	✖	✖	✖	●	●
Toluene		■	✖	■	■	■	✖	✖	✖	■	✖	✖	✖	✖	✖	✖	✖	✖	✖	●	●
Trichloroethane		✖	✖	■	✖	✖	✖	✖	✖	✖	✖			✖	✖	✖	✖	✖	✖	●	●
Trichloroethylene		✖	✖	■	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖	●	●
Triethylene glycol		●	●	●	●	●	●	●	■	●	●			■	■	●	■	■	✖	●	●
Tripropylene glycol		●	●	●	●	●	●	●	●	●	●			■	■	●	■	■	✖	●	●
Turpentine		■	✖	■	✖	✖	✖	✖	✖	■	■	✖	✖	●	●	✖	✖	●	●	●	●
Urea		●	●	●	●	●	●	●	●	●	●			●	●	✖	✖	■	✖	●	●
Vinylidene chloride		✖	✖	■	✖	✖	✖	✖	✖	✖	✖			✖	✖	✖	✖	✖	✖	●	●
Xylol		■	✖	■	✖	✖	✖	✖	✖	■	✖	✖	✖	✖	✖	✖	✖	✖	✖	●	●
Zinc chloride (10 %)		●	●	●	●	●	●	●	●	●	●			✖	✖	●	●	●	■	●	●
Zinc sulphate (10 %)		●	●	●	●	●	●	●	●	●	●	✖	✖	■	■	●	●	●	■	●	●

● = Excellent / very good chemical resistance
 ■ = Good / limited chemical resistance
 ✖ = Poor chemical resistance