Material	ABS		ASA/PC		PA		PAMXD6		PC		PEI		PETP		POM		PP		PPS		PVC		PVDF		SI		SS	
Reagent	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C
Acetaldehyde					0	0			0	-					+	+	+	-	+	+	-	-	+	0			+	+
Acetic acid 50% (20%)	+	+	-	-	-	-	-	-	+	0	(+)		+	0	0	-	+	+	+	+	+	0	+	+	+	+	+	+
Acetone	-	-	-	-	+	+	+		-	-	+		0	-	+	+	+	+	+	+	-	-	-	-	0	0	+	+
Acetonitrile					+	+			-	-					-	-	+	+	+	+	-	-	-	-	-	-	+	+
Adipic acid					0	-			+	+					+	+	+	+			+	0			+	+		
Allyl Alcohol	-	-	-	-	+	0			+	0					+	+	+	+			0	-			+	+		
Aluminium chloride	-	-	+	+	+	+			-	-					+	0	+	+	+	+	+	0	+	+	+	+	+	+
Aluminium hydroxide					+	+			0	-					+	+	+	+	+	+	+	+	+	+	+	+	-	-
Amino acids	+	0			+	+			+	+					+	+	+	+			+	+	+	+	+	+		
Ammonia	+	+	-	-	+	+			-	-			+	-	+	+	+	+	+	+	0	0	+	+	+	+	+	+
Ammonium chloride			+	+			-		0	0			+		+	+	+	+	+	+	+	0	+	+				
Ammonium hydroxide 30% (10%)					+	+			-	-	(+)		-		0	0	+	+	+	+	+	0	+	+	+	+	0	0
n-Amyl acetate	-	-	-	-	0	0			-	-					+	+	0	-	+	+	-	-	+	+	-	-	0	0
Amyl alcohol	+	0	0	0	+	+			+	+					+	+	+	+			0	0	+	+	-	-		
Amyl chloride					+	+			-	-					+	+	-	-			-	-	+	+	-	-		
Aniline	-	-	-	-	0	0			0	-			+		0	0	+	+	+	+	-	-	+	0	+	0	+	+
Aqua regia			-	-	-	-			-	-					-	-	0	-			0	0	+	+	-	-		
Benzaldehyde	-	-	-	-	0	0			0	-					+	+	+	+	+	+	-	-	+	0	-	-	+	+
Benzene			-	-	+	+	+		-	-			+	-	+	0	+	0	+	+	-	-	+	+	0	-	+	+
Benzine, petroleum	-	-			+	+			0	-			+		+	+	0	0			+	+	+	+	-	-		
Benzyl alcohol	-		-	-	0	-	+		0	0			+		+	+	-	-			0	0	+	+	+	+		
Boric acid	+	+	+	+	+	0			+	+					+	+	+	+			+	+	+	+	+	+		
Bromine	-	-	-	-	-	-			-	-					-	-	-	-	0	0	-	-	+	+	-	-	-	-
Bromoform					-	-			-	-					-	-	-	-			-	-	+	+	-	-		
n-Butyl acetate	-	-	-	-	+	+			-	-			+	0	+	0	0	0	+	+	-	-	+	+	-	-	+	+
n-Butyl alcohol	+	0			+	+			0	0	+		0	0	+	+	+	+			0	-	+	+	+	+		
Calcium chloride	+	+	+	+	-	-	0		+	+			+	+	+	+	+	+	+	+	0	0	+	+	0	0	0	0
Calcium hydroxide					+	+			-	-					+	+	+	+			+	+	+	+	+	+		
Calcium hypochlorite	+	+	+	+	+	+			0	0			+	+	+	+	+	+			0	-	+	+	+	0		
Carbon disulphide			-	-	+	-			-	-			+	+	+	+	-	-	+	+	-	-	+	0	+	+	+	+
Carbon tetrachloride					+	+			-	-	+		+		0	0	-	-	+	+	-	-	+	+	-	-	-	-
Chlorine, 10% (moist/dry)	-	-	-	-	-	-			0	0					0	-	0	-	0	0	0	-	+	+	-	-	0	0

Material	ABS		ASA/PC		PA		PAMXD6		PC		PEI		PETP		POM		PP		PPS		PVC		PVDF		SI		SS	
Reagent	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C
Chlorine, liquid	-	-	-	-	-	-			-	-					-	-	-	-			-	-	+	+	-	-		
Chloroacetic acid	0	-	0	-	-	-			0	-					+	+	+	+			+	+	+	+	-	-		
Chloroform	-	-	-	-	0	0			-	-	-	-	+		-	-	-	-	+	+	-	-	+	0	-	-	+	+
Chromic acid 10%	0	0	0	0	-	-			+	0	+		-	-	0	0	+	+	+	+	+	0	+	+	0	-	-	-
Chromic acid 50%	0	0	0	0	-	-			0	-			-	-	-	-	0	0	+	+	+	-	+	+	-	-	-	-
Chromic sulphuric acid	0	0			-	-			-	-					-	-	-	-			+	0	+	+	-	-		
Cupric sulphate			+	+	+	+			+	+					+	+	+	+	+	+	+	0	+	+	+	+	+	+
Dekahydronaphtalene					+	+			-	-					+	+	-	-			+	0	+	+	-	-		
Dibutylphtalate			-	-	+	+			-	-			+	0	+	+	+	0			-	-	+	+	-	-		
Dichlorobenzene	-	-	-	-	+	+			-	-					+	0	0	-			-	-	+	0	-	-		
Dichloromethane	-	-	-	-	0	0	+		-	-	0		-	-	-	-	-	-			-	-	-	-	-	-		
Diethylene glycol	+	+	+	+	+	+			0	0					+	+	+	+			-	-	+	+	+	+		
Dimethylformamide (DMF)	-	-	-	-	+	+			-	-					+	+	+	+	+	+	0	-	-	-	+	+	+	+
Dimethyl sulphoxide (DMSO)	-	-							-	-							+	+	+	+	-	-			+	+		
1,4-dioxan	-	-	-	-	+	+			0	0			+		0	0	0	0	+	+	-	-	-	-	-	-	0	0
Ether	-	-	-	-	+	+	+		-	-	+		+		+	+	0	-	+	+	-	-	+	+	-	-	+	+
Ethanol 100%	+	0	+	0	+	+	+		+	0	+		+	0	+	+	+	+	+	+	+	0	+	+	+	+	+	+
Ethylene chlorine	-	-	-	-	0	-			-	-			+		0	-	0	-	+	+	-	-	+	+			0	0
Ethylene glycol	+	+	+	+	+	0			+	+			+		+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ethylene oxide					-	-			0	-					+	+	0	-			0	-	+	+	-	-		
Fluorine					-	-			0	0					-	-	-	-			+	+	0	0	-	-		
Formaldehyde 40%	+	0	+	0	+	0	0	-	+	0			+		+	+	+	+	+	+	0	-	+	+			0	0
Formic acid 98-100%			-	-	-	-	-		+	0			0	-	-	-	+	+	+	+	-	-	+	+	+	+	+	+
Glycerol	+	+	0	0	+	+			+	+			+	+	0	0	+	+			+	+	+	+	+	+		
Heating oil	+	+	0	0	+	+			+	0					+	+	+	+			-	-	+	+	-	-		
n-Hexane	+		0	0	+	+			-	-	+		+	0	+	+	+	0	+	+	0	-	+	+	-	-	+	+
Hydrochloric acid 35% (20%)	+	0	0	0	-	-			-	-	(+)	-	-	-	-	-	+	+	+	+	0	-	+	+	+	-	-	-
Hydrofluoric acid 40%			-	-	-	-			-	-			-	-	-	-	+	+	+	+	0	-	+	+	-	-	-	-
Hydrofluoric acid 70%			-	-	-	-			-	-			-	-	-	-	+	0			-	-	+	+	-	-	-	-
Hydrogen peroxide 35%			0	0	+	+			+	+			+		+	-	+	+	+	+	+	0	+	+	+	+	0	0
Iodine-potassium ionine soln.	0		0	-	-	-			0	-					0	0	+	+			-	-	+	+				
iso-Butyl alcohol	+	-	0	0	+	+			+	+					+	+	+	+			+	0	+	+	+	+		
iso-Propyl alcohol	+	-	0	-	+	+			+	+	+		+		+	+	+	+			+	0	+	+	+	+		

Material	ABS		ASA/PC		PA		PAMXD6		PC		PEI		PETP		POM		PP		PPS		PVC		PVDF		SI		SS	
Reagent	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C
iso-Propyl benzene					+	+			-	-					+	-	0	-			-	-	+	+	-	-		
Lactic acid			+	+	+	+			+	+					+	-	+	+	+	+	0	0	+	0	+	+	+	+
Mercury(l) chloride	+	+	+	+	-	-			+	+					0	0	+	+			-	-	+	+				
Mercury	+		+		+	+			+	+					+	+	+	+			+	+	+	+				
Methanol	0	-	0	-	+	+	-	-	+	0	+		+		+	+	+	+	+	+	+	0	+	+	+	+	+	+
Methyl propyl ketone	-	-	-	-	+	+			-	-	+				+	+	+	0			-	-	+	+	0	-		
Methylene chloride	-	-	-	-	0	0	+		-	-	0		-	-	-	-	-	-			-	-	-	-	-	-		
Nitric acid 10%	+	0	0	0	-	-	0		+	0	+	0	+	-	-	-	+	+	+	+	+	0	+	+	0	0	+	+
Nitric acid 50%	0	-	0	0	-	-	-		+	0		-	-	-	-	-	0	-	+	+	0	-	+	+	-	-	+	+
Nitric acid 70%	-	-	-	-	-	-	-		-	-		-	-	-	-	-	-	-	0	0	-	-	+	0	-	-	+	+
Nitrobenzene	-	-	-	-	0	0			-	-					0	-	-	-	+	+	-	-	+	0	-	-	+	+
Oxalic acid	+	+	+	+	-	-			+	+					+	+	+	+			+	+	+	+	+	+		
Ozone	+	+	+	+	0	-			+	+					-	-	+	+			+	0	+	+	+	+		
Perchloric acid 10%					-	-			-	-					-	-	+	-			0	-	+	+	-	-		
Perchloroethylene	0	0	-	-	0	0	+		-	-					+	0	-	-	+	+	-	-	+	+	+	0	+	+
Phenol 100%	-	-	-	-	-	-			-	-	+		0	-	-	-	+	+	+	+	-	-	+	+	0	0	0	0
Phosphoric acid 85% (20%)	+	+	+	0	-	-		-	+	+	(+)		+	+	+	-	+	+	+	+	+	0	+	+	0	0	-	-
Potassium chloride	+	+	+	+	+	+			+	+			+	+	+	+	+	+	+	+	+	0	+	+	+	+	0	0
Potassium hydroxide	+	+	-	-	+	+		-	-	-			+	0	+	+	+	+	+	+	0	0	+	+	+	+	0	0
Potassium permanganate	+	0	+	0	-	-			+	+			-	-	0	0	+	+	+	+	+	+	+	+			0	0
Propylene glycol	+	+			+	+			+	0	+				+	+	+	+			-	-						
Propylene oxide	-	-	-	-	+	+			-	-					-	-	+	+			-	-	+	+	-	-		
Pyridine	-	-	-	-	-	-			-	-					+	-	0	0	+	+	0	-	+	+	-	-	+	+
Salicylaldehyde					+	+			0	0							+	+			-	-	+	+				
Salicylic acid	+	+	+	+	+	+									-	-	+	+			0	-	+	+	-	-		
Silver acetate					+	-			+	+					0	0	+	+			0	0	+	+	+	+		
Silver nitrate	+	+	+		-	-			+	+					0	0	+	+			0	0	+	+	+	+		
Sodium acetate	+	+	+	+	+	+			+	+					+	-	+	+			0	0	+	+	+	+		
Sodium bichromate	+	+	+		0	0							+	+	+	+	+	+			+	+	+	+	+	+		
Sodium hydroxide			-	-	+	0	0	-	-	-	0	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+	0	0
Sulphuric acid 60%	+	+	+	0	-	-			0	0	+	+			-	-	+	+	+	+	0	-	+	+	-	-	0	0
Sulphuric acid 98%	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	+	+	-	-	+	+	-	-	-	-

Material	ABS		ASA/PC		PA		PAMXD6		PC		PEI		PETP		POM		PP		PPS		PVC		PVDF		SI		SS	
Reagent	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C	20°C	50°C
Tartaric acid			+	+	-	0			+	+					+	+	+	+			+	+	+	+	+	+		
Tetrahydrofuran	-	-	-	-	+	+	+		-	-			0		0	0	-	-	+	+	-	-	0	-	-	-	+	+
Toluene	-	-	-	-	+	+	+		-	-	+		+		+	+	0	-	+	+	-	-	+	+	-	-	+	+
Trichloroethane	-	-	-	-	+	+			-	-	-	-			0	-	-	-			-	-			-	-		
Trichloroethylene	-	-	-	-	0	0	+		-	-					-	-	-	-	+	+	-	-	+	+	+	0	0	0
Triethylene glycol	+	+	+		+	+			+	0					+	+	+	+			0	-			+	+		
Tripropylene glycol					+	+			+	0					+	0	+	+			0	-			+	+		
Turpentine			0	0	+	0			-	-			+		+	0	-	-	+	+	+	+	+	+	-	-	+	+
Urea			+	+	+	+			-	-					+	+	+	+			0	-	+	+	+	+		
Vinylidene chloride					-	-			-	-					0	0	-	-			-	-	+	0	-	-		
Xylene	-	-	-	-	+	+			-	-	+		+	0	+	+	-	-	+	+	-	-	+	+	-	-	+	+
Zinc chloride 10%	+	+	+	0	+	+			+	+	+				+	0	+	+	+	+	+	0	+	+	+	+	0	0
Zinc sulphate 10%	+	+	+	+	+	+			+	+					+	+	+	+			+	0	+	+	+	+		

+ = Excellent chemical resistance
0 = Limited chemical resistance
- = Poor chemical resistance

ABS = Acrylonitrile-butadiene-styrene copolymer
ASA/PC = Acrylate-styrene-acrylonitrile/Polycarbonate
PA = Polyamide
PAMXD6= Polyarylamide
PC = Polycarbonate
PEI= Polyetherimide
PETP = Polyethylene terephthalate
POM = Polyoxymethylene
PP = Polypropylene
PPS = Polyphenylenesulphide
PVC = Polyvinyl chloride
PVDF = Polyvinylidenefluoride
SI = Silicone rubber
SS = Stainless steel

Note: The data have been collected from chemical resistance tables supplied by manufacturers.
As such the data serve as guideline for chemical resistance.
The actual resistance towards a certain chemical depends always on conditions applied.
Note: Salts have been tested as almost saturated solutions.