

PMMA Chemical Resistance



Technical Data Sheet

Tests conducted at 68°F (20°C) for 60 days. Long-term resistances can only be established on officially tested systems.
+ = UNAFFECTED (WITHOUT FURTHER DETAILS: VALID FOR ALL CONCENTRATIONS) - = AFFECTED

A	- Acetic Acid, conc.	- Ethyl Acetate	- Monostyrene	+ Sodium Perborate
+ Acetic Acid, 10 %	F	- Ethyl Glycol Acetate	+ Nickel Chloride	+ Sodium Perchlorate
- Acetone	+ Fertilizers	+ Formaldehyde, 30 - 40	+ Nickel Sulfate	- Sodium Peroxide
+ AmberAcid	- Formic Acid, < 30 %	+ Formic Acid, 31-85 %	- Nitric Acid	+ Sodium Silicate
- Ammonia	G	+ Gasoline	O	+ Sodium Phosphate
+ Ammonium Carbonate	+ Glucose	+ Glycol	+ Octane	+ Sodium Sulfate
+ Ammonium Chloride	+ Glycerol	+ Grease Fat	+ Oxalic Acid, conc.	+ Sodium Sulfide
+ Ammonium Perchlorate	+ Glycol	+ Grease Oil	- Oxalic Acid, diluted	+ Potassium Sulfate
+ Ammonium Phosphate	+ Heating Oil	H	+ Ozone	+ Stearic Acid
+ Ammonium Sulfate	- Hexanone	+ Hydrochloric Acid, conc.	P	+ Sugar
- Aniline	- Hydrochloric Acid, 10%	- Hydrofluoric Acid, 10-14%	+ Paraffin Oil	- Sulfuric Acid, 10 %
+ Arsenic	+ Hydrochloric Acid, 10%	+ Hydrogen (ortho) Borate	+ Perchloric Acid, < 10 %	- Sulfuric Acid, 20 %
B	- Hydrochloric Acid, 10%	+ Hydrogen Bromide	- Perchloric Acid, 20 %	- Sulfuric Acid, 25 %
+ Barium Chloride	- Hydrofluoric Acid, 10-14%	+ Hydrogen Sulfide	- Petroleum	- Sulfuric Acid, 50 %
+ BariumHydroxide	+ Hydrogen Bromide	- Hydraulic Fluids	+ Phenol	- Sulfuric Acid, conc.
+ Barium Nitrate	+ Hydrogen Sulfide	I	- Phenol, 10 %	T
+ Battery Acid	- Hydraulic Fluids	+ Iron Chloride	+ Phosphate Esters	- Tetrachloro Ethylene
+ Beer	K	+ Iron Sulfate	- Phosphoric Acid, conc.	- Tetra Hydro
- Benzene	- Kresol	+ Isanol	- Phosphoric Acid, 10 %	- Thicoglycolic Acid
- Benzyl Chloride	L	+ Lactic Acid, conc.	+ Phosphoric Acid, 50 %	+ Tin Chloride
+ Borax	+ Lactic Acid, 10 %	+ Lead Acetate	- Phosphoryl Trichloride	- Toluene
+ Butanoic Acid	+ Lead Acetate	+ Linseed Oil	+ Phthalic Acid	- Trichloro Ethane
- Butyl Acetate	M	+ Machine Oil	- Porponic Acid	- Trichloro Ethylene
+ Butyl Alcohol	+ Machine Oil	+ Magnesium Chloride	+ Potassium Aluminum Sulfate	+ Trichloro Ethyl
- Butyl Aldehyde	+ Magnesium Chloride	+ Magnesium Nitrate	+ Potassium Bicarbonate	Phosphate
C	+ Magnesium Nitrate	+ Magnesium Sulfate	+ Potassium Bromate	- Trichloro Methane
+ Calcium Chloride	+ Magnesium Sulfate	+ Manganese Chloride	+ Potassium Carbonate	+ Tricresyl Phosphate
+ Calcium Formate	+ Manganese Chloride	+ Manganese Sulfate	- Potassium Chlorate	- Triethanol Amine
+ Calcium Hydroxide	+ Manganese Sulfate	+ Margarine	+ Potassium Chromium	- Triethyl Amine
+ Calcium Hypochlonite	+ Margarine	+ M - Digallic Acid	+ Potassium Cynanide	- Trifluoro-Silicane
+ Calcium Nitrate	+ M - Digallic Acid	+ Mercury	+ Potassium Fluoride	+ Trinitro Plenol
- Carbon Sulfide	+ Mercury	+ Mercury Chloride	+ Potassium Iodine	+ Trisodium Phosphate
+ Carbon Tetrachloride	+ Mercury Chloride	- Methyl Acetate	+ Potassium Iron Sulfate	+ Trixylyne Phosphate
+ Castor Oil	- Methyl Acetate	- Methyl Alcohol	+ Potassium Nitrate	+ Turnip Oil
+ Chlorine (octa) Hydrate	- Methyl Alcohol	- Methyl Amine	- Potassium Permanganate	U
- Chloro - Benzene	- Methyl Amine	- Methyl Ethyl Ketone	+ Potassium Phosphate	+ Uric Acid
- Chromic Acid, conc.	- Methyl Ethyl Ketone	- Methyl Isolotyl Ketone	+ Potassium Sulfate	+ Urine
- Chromic Acid, 10 %	- Methyl Isolotyl Ketone	- Methylene Chloride	+ Propyl Alcohol	V
+ Citric Acid, conc.	+ Milk	+ Milk	S	+ Vinegar
+ Citric Acid, 10 %	+ Mineral Oil	+ Mineral Oil	+ Salicylic Acid	W
+ Cobalt Chloride	+ Mineral Water	+ Mineral Water	+ Sea Water	+ Washing Powder
+ Cobalt Nitrate	- Mixture of Hydrochlonic	- Mixture of Hydrochlonic	+ Silver Nitrate	(detergent)
+ Cocoa Butter Oil	Acid with Nutric Acid	Acid with Nutric Acid	+ Sodium Acetate	+ Water, distilled
+ Copper Chloride			+ Sodium Bromate	+ Water, drinking
+ Copper Sulfate			+ Sodium Bromide	+ Water, ocean
+ Cyclo Hexanol			+ Sodium Carbonate	+ Wine
- Cyclo Hexanone			+ Sodium Chlorate	X
D			+ Sodium Chloride	- Xylene
+ Diesel			+ Sodium Chloride	Z
+ Dibutyl Phthalate			+ Sodium Cyanide	+ Zinc Chloride
+ Dimethyl Eniline			+ Sodium Fluoride	+ Zinc Nitrate
+ Dioctyl Phthalate			+ Sodium Hydrochloride,10%	+ Zinc Sulphate
E			- Sodium Hydroxide, conc.	
- Ethanol, conc.			- Sodium Hydroxide,10%	
- Ethanol, < 50 %			- Sodium Hydroxide,10 - 50 %	
- Ether			+ Sodium Hypochloride	
			+ Sodium Nitrate	

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