

## Chemical Resistance - Polycarbonate

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The following environmental resistance ratings are based upon submersion for 48 hours in the reagent listed. E-Excellent, G-Good, L-Limited, U-Unsatisfactory, and ND-No Data.

Acetic Acid	G
Acetic Acid 20%	E
Acetic Acid 80%	G
Acetic Acid, Glacial	G
Acetic Anhydride	U
Acetone	U
Acetyl Chloride (dry)	U
Acetylene	U
Acrylonitrile	U
Alcohols:Amyl	G
Alcohols:Butyl	E
Alcohols:Ethyl	G
Alcohols:Isobutyl	ND
Alcohols:Isopropyl	E
Alcohols:Methyl	G
Aluminum Chloride	E
Aluminum Chloride 20%	E
Aluminum Hydroxide	G
Aluminum Nitrate	E
Aluminum Potassium Sulfate 10%	E
Aluminum Potassium Sulfate 100%	E
Aluminum Sulfate	E
Amines	U
Ammonia 10%	U
Ammonia Nitrate	G
Ammonia, anhydrous	U
Ammonia, liquid	U
Ammonium Carbonate	ND
Ammonium Chloride	E
Ammonium Hydroxide	U
Ammonium Nitrate	ND

Ammonium Oxalate	E
Ammonium Persulfate	E
Ammonium Phosphate,Dibasic	E
Ammonium Sulfate	E
Ammonium Sulfite	ND
Amyl Acetate	U
Amyl Alcohol	G
Aniline	U
Aniline Hydrochloride	U
Antimony Trichloride	E
Aqua Regia (80% HCl, 20% HN03)	U
Arsenic Acid	E
Barium Carbonate	E
Barium Chloride	E
Barium Hydroxide	U
Barium Nitrate	U
Barium Sulfate	U
Beer	E
Benzaldehyde	U
Benzene	U
Benzene Sulfonic Acid	U
Benzoic Acid	G
Benzol	U
Benzonitrile	E
Boric Acid	G
Bromine	L
Butadiene	U
Butane	U
Butanol (Butyl Alcohol)	G
Butyl Amine	U
Butyl Phthalate	U

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Butylacetate	U
Butylene	U
Butyric Acid	U
Calcium Bisulfate	U
Calcium Bisulfite	U
Calcium Carbonate	L
Calcium Chlorate	ND
Calcium Chloride	G
Calcium Hydroxide	U
Calcium Hypochlorite	U
Calcium Nitrate	E
Calcium Sulfate	E
Carbolic Acid (Phenol)	U
Carbon Disulfide	U
Carbon Monoxide	G
Carbon Tetrachloride	U
Carbonic Acid	E
Chloric Acid	ND
Chlorine (dry)	L
Chlorine Water	ND
Chlorine, Anhydrous Liquid	L
Chloroacetic Acid	U
Chlorobenzene (Mono)	U
Chloroform	U
Chlorosulfonic Acid	L
Chocolate Syrup	E
Chromic Acid 10%	G
Chromic Acid 30%	L
Chromic Acid 5%	G
Chromic Acid 50%	U
Citric Acid	E

Clorox® (Bleach)	G
Copper Cyanide	U
Copper Nitrate	U
Copper Sulfate >5%	E
Copper Sulfate 5%	E
Cresols	U
Cresylic Acid	U
Cupric Acid	E
Cyclohexane	G
Cyclohexanone	U
Detergents	E
Diacetone Alcohol	U
Dichlorobenzene	U
Dichloroethane	U
Diesel Fuel	E
Diethyl Ether	U
Diethylamine	U
Diethylene Glyco	G
Dimethyl Aniline	U
Dimethyl Formamide	U
Epsom Salts (Magnesium Sulfate)	E
Ethane	ND
Ethanol	G
Ethyl Acetate	U
Ethyl Benzoate	U
Ethyl Chloride	U
Ethylene Bromide	U
Ethylene Chloride	U
Ethylene Chlorohydrin	U
Ethylene Diamine	E
Ethylene Dichloride	U

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Ethylene Glycol	G
Ethylene Oxide	L
Fatty Acids	G
Ferric Chloride	E
Ferric Nitrate	E
Ferric sulfate	E
Ferrous Chloride	U
Ferrous Sulfate	E
Fluorine	L
Fluosilicic Acid	E
Formaldehyde 100%	E
Formaldehyde 40%	E
Formic Acid	E
Fuel Oils	G
Gasoline (high-aromatic)	E
Gasoline,leaded,ref.	E
Gasoline,unleaded	E
Glucose	E
Glycerin	E
Heptane	G
Hexane	G
Hydraulic Oil (Petro)	ND
Hydraulic Oil (Synthetic)	ND
Hydrazine	U
Hydrochloric Acid 100%	U
Hydrochloric Acid 20%	G
Hydrochloric Acid 37%	U
Hydrocyanic Acid (Gas 10%)	G
Hydrofluoric Acid 100%	U
Hydrofluoric Acid 20%	U
Hydrofluoric Acid 50%	U

Hydrofluoric Acid 75%	U
Hydrogen Gas	E
Hydrogen Peroxide 10%	E
Hydrogen Peroxide 100%	E
Hydrogen Peroxide 30%	E
Hydrogen Peroxide 50%	E
Hydrogen Sulfide (aqua)	E
Hydrogen Sulfide (dry)	ND
Isooctane	G
Isopropyl Acetate	U
Isopropyl Ether	U
Jet Fuel (JP3,JP4,JP5)	E
Kerosene	U
Ketones	U
Lacquer Thinners	G
Lacquers	U
Lactic Acid	G
Lead Sulfamate	E
Lithium Chloride	G
Lithium Hydroxide	U
Lubricants	E
Lye:Ca(OH)2 Calcium Hydroxide	U
Lye:KOH Potassium Hydroxide	U
Lye:NaOH Sodium Hydroxide	U
Magnesium Bisulfate	E
Magnesium Carbonate	E
Magnesium Chloride	E
Magnesium Hydroxide	E
Magnesium Nitrate	E
Magnesium Sulfate (Epsom Salts)	E
Manganese Sulfate	E

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Mercuric Chloride (dilute)	E
Mercurous Nitrate	E
Mercury	U
Methane	G
Methanol (Methyl Alcohol)	G
Methyl Alcohol 10%	G
Methyl Butyl Ketone	U
Methyl Cellosolve	U
Methyl Chloride	U
Methyl Ethyl Ketone	U
Methyl Isobutyl Ketone	U
Methyl Isopropyl Ketone	U
Methyl Methacrylate	U
Mineral Spirits	L
Motor oil	E
Naphtha	G
Nickel Chloride	E
Nickel Nitrate	U
Nickel Sulfate	E
Nitrating Acid (<15% HN03)	ND
Nitrating Acid (<15% H2S04)	ND
Nitric Acid (20%)	G
Nitric Acid (50%)	G
Nitric Acid (5-10%)	E
Nitric Acid (Concentrated)	L
Nitrobenzene	U
Nitromethane	U
Oils:Diesel Fuel (20,30,40,50)	ND
Oils:Fuel (1,2,3,5A,5B,6)	G
Oils:Hydraulic Oil (Petro)	ND
Oils:Hydraulic Oil (Synthetic)	ND

Oils:Mineral	G
Oils:Olive	E
Oils:Orange	L
Oils:Pine	E
Ozone	E
Pentane	E
Perchloroethylene	U
Phenol (10%)	G
Phenol (Carbolic Acid)	U
Phosphoric Acid (>40%)	E
Phosphoric Acid (crude)	E
Phosphoric Acid (molten)	ND
Phosphoric Acid (< 40%)	E
Phosphoric Acid Anhydride	U
Phosphorus Trichloride	L
Photographic Developer	E
Photographic Solutions	E
Phthalic Anhydride	E
Potassium Bromide	E
Potassium Chlorate	E
Potassium Chloride	E
Potassium Dichromate	E
Potassium Hydroxide (Caustic Potash)	U
Potassium Nitrate	E
Potassium Oxalate	-
Potassium Permanganate	E
Potassium Sulfate	E
Potassium Sulfide	ND
Propane (liquefied)	L
Propylene	ND
Propylene Glycol	G

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Pyridine	U
Resorcinol	G
Salicylic Acid	E
Salt Brine (NaCl saturated)	E
Sea Water	E
Silicone	E
Silver Bromide	ND
Silver Nitrate	E
Soap Solutions	E
Soda Ash (see Sodium Carbonate)	E
Sodium Acetate	E
Sodium Benzoate	E
Sodium Bicarbonate	E
Sodium Bisulfate	E
Sodium Bisulfite	E
Sodium Borate (Borax)	E
Sodium Bromide	ND
Sodium Carbonate	E
Sodium Chlorate	E
Sodium Chloride	E
Sodium Chromate	E
Sodium Hydroxide (20%)	E
Sodium Hydroxide (50%)	U
Sodium Hydroxide (80%)	U
Sodium Hypochlorite(5%)	G
Sodium Hypochlorite(<20%)	L
Sodium Hypochlorite(100%)	ND
Sodium Peroxide	E
Sodium Sulfate	E
Sodium Sulfide	U
Sodium Sulfite	ND

Sodium Thiosulfate (hypo)	U
Stannic Chloride	E
Sulfur Dioxide	I
Sulfur Dioxide (dry)	E
Sulfuric Acid (<10%)	E
Sulfuric Acid (10-75%)	G
Sulfuric Acid (75-100%)	U
Sulfuric Acid (cold concentrated)	ND
Sulfuric Acid (hot concentrated)	U
Tannic Acid	L
Toluene (Toluol)	U
Trichloroacetic Acid	U
Trichloroethane	U
Trisodium Phosphate	ND
Turpentine	U
Urea	U
Vinegar	E
Water, Acid, Mine	G
Water, Deionized	ND
Water, Distilled	E
Water, Fresh	E
Water, Salt	E
Whiskey & Wines	E
Xylene	U
Zinc Chloride	E
Zinc Sulfate	E