

Polyurethane Elastomer Resin Chemical Resistance Chart

Excellent resistance

Ammonium Hydroxide, 10% solution
Barium Hydroxide
Borax Solutions
Boric Acid Solutions
Brine Solution
Calcium Bisulfite Solutions
Calcium Chloride
Calcium Hydroxide
Mineral Oil
Motor Oil
Phosphoric Acid < 75%
Sea Water
Soap
Water

Good resistance

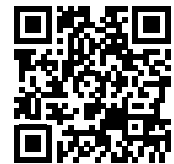
Acetic Acid - 20% solution
Ammonium Hydroxide
Anylacetate
Butylacetate
Chlorobenzene
Diesel Fuel
Diethylene Glycol
Ethylene Glycol - 100%
Fuel Oil
Gasoline
Hydraulic Oils
Linseed Oil
Lubricating Oils
Naptha
Potassium Hydroxide
Sodium Hydroxide - 20%
Soybean Oil
Tung Oil

Poor resistance

Acetone
Calcium Hypochlorite 5%
Chromic Acid
Formaldehyde 37%
Formic Acid
Ethyl Acetate
Ethyl Alcohol
Hydrochloric Acid 37%
Isopropanal
Methanol
Methyl Chloride
Methyl Ethyl Keytone
Methyl Pynolidone A
Nitric Acid - 10%
Perchloroethylene
Sodium Hydroxide 47%
Sodium Hypochlorite 5%
Sulfuric Acid
Toluene
Trichlorethylene
Xylene

Note:

The list presents the general effect of exposure to various chemicals at room temperature. Exposure at elevated temperature may provide different results and should be tested. The chart is to be used as a general guide. Other considerations such as application technique and general conditions may affect resistance.



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