

Z-1180 & Z-1184
Chemical Resistance Chart

For Composite Material in
 Light Acid Concentration Environment Only

Key:

E = Excellent Corrosion Resistance

G = Good

F = Fair

P = Poor

General Outdoor	E
Marine Outdoor	E
General Industrial	E
Water-pure	E
Water-sea	E

ACIDS	
Acetic	E
Boric	E
Chromic	F
Citric	E
Fatty	E
Formic	E
Hydrochloric	G
Hydrofluoric	F-P
Nitric	F
Phosphoric	G
Picric	G
Sulfuric	G

BASES	
Ammonium Hydroxide	E
Potassium or Sodium Hydroxide	F-G

SALTS	
Aluminum Sulfate	E
Ammonium	
Chloride	E
Nitrate	E
Phosphate	E
Sulfate	E
Borax	E
Copper Sulfate	E
Ferric	
Chloride	E
Sulfate	E
Magnesium	
Chloride	E
Sulfate	E
Mercuric Chloride	E
Nickel	
Chloride	E
Sulfate	E
Potassium	
Chloride	E
Sulfate	E
Sodium	
Bicarbonate	E
Bisulfate	E
Chloride	E
Hypochlorite	E
Nitrate	E
Phosphate	E
Silicate	E
Sulfate	E
Thiosulfate	E
Zinc	
Chloride	E
Sulfate	E
Calcium Chloride	E
Sodium Carbonate	E

GASES (WET)	
Ammonia	E

Carbon Dioxide	E
Chlorine	E
Hydrogen Sulfide	E
Nitrogen Dioxide	G-E
Sulfur Dioxide	E
Carbon Disulfide	E

SOLVENTS	
Acetone	E
Benzene	E
Carbon Tetrachloride	E
Ethyl Acetate	E
Ethyl Alcohol	E
Ethyl Ether	E
Ethylene Dichloride	E
Ethylene Glyco1	E
Freon	E
Methyl Alcohol	E
Methyl Ethyl Ketone	E
Methylene Chloride	E
Perchloroethylene	E
Trichloroethylene	E
Toluene	E
Xylene	E

OILS, FUELS AND OTHER	
ASTM No. 1 Oil	E
ASTM No. 3 Oil	E
Detergents	E
Gasoline	E
Grease	E
Jet Fuel	E
Hydraulic Fluid (Ester)	E
Kerosene	E
Motor Oil	E