

# CHEMICAL RESISTANCE OF FIBERGLASS POLYESTER

CHEMICAL PRODUCT	FIBERGLASS POLYESTER	
	60° F (15° C)	150° F (66° C)
ACETIC ACID 0-25% [VINEGAR]	R	MAX 125
ACETIC ACID 25-50%	R	NR
ALCOHOL - BUTYL	NR	NR
ALCOHOL - ISOPROPYL	MAX 150	
ALCOHOL - ISOPROPYL 100%	NR	NR
ALCOHOL - SECONDARY BUTYL	NR	NR
ALUM (ALUMINUM SULFATE)	R	R
ALUMINUM CHLORIDE	R	MAX 120
ALUMINUM POTASSIUM SULFATE	R	R
AMMONIUM BICARBONATE	R	NR
AMMONIUM HYDROXIDE 5%	R	NR
AMMONIUM HYDROXIDE 10%	NR	NR
AMMONIUM HYDROXIDE 20%	NR	NR
AMMONIUM NITRATE	R	R
AMMONIUM PERSULFATE	NR	NR
AMMONIUM PHOSPHATE	NR	NR
AMMONIUM SULFATE	R	R
BARIUM ACETATE	NR	NR
BARIUM CARBONATE	R	NR
BARIUM CHLORIDE	R	MAX 200
BARIUM SULFATE	R	R
BARIUM SULFIDE	NR	NR
BEER	R	NR
BENZOIC ACID	R	NR
BENZYL ALCOHOL	NR	NR
BUTYLENE GLYCOL	R	R
BUTYRIC ACID 0-50%	R	NR
CADMIUM CHLORIDE	R	NR
CALCIUM BISULFATE	R	R
CALCIUM CARBONATE	R	NR
CALCIUM CHLORATE	R	R
CALCIUM CHLORIDE	R	R
CALCIUM HYDROXIDE	R	NR
CALCIUM HYPOCHLORITE	R	NR
CALCIUM NITRATE	R	R
CALCIUM SULFATE	R	R

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CALCIUM SULFITE	R	R
CAPRYLIC ACID	R	NR
CARBON DIOXIDE	R	R
CARBON MONOXIDE	R	R
CARBONIC ACID	R	R
CHLORINE DIOXIDE/AIR	R	NR
CHLORINE - DRY GAS	R	NR
CHLORINE, WET GAS	NR	NR
CHLORINE WATER	NR	NR
CHLOROACETIC ACID 0-50%	NR	NR
CHROMIUM SULFATE	R	R
CITRIC ACID	R	R
COCONUT OIL	R	NR
COPPER CHLORIDE	R	R
COPPER CYANIDE	NR	NR
COPPER FLUORIDE	NR	NR
COPPER NITRATE	R	R
COPPER SULFATE	R	R
CORN OIL	R	NR
CORN STARCH-SLURRY	R	NR
CORN SUGAR	R	NR
COTTONSEED OIL	R	NR
CRUDE OIL, SOUR	R	NR
CRUDE OIL, SWEET	R	NR
CYCLOHEXANE	R	NR
DI-AMMONIUM PHOSPHATE	NR	NR
DIBUTYL ETHER	NR	NR
DIESEL FUEL	R	NR
DIETHYLENE GLYCOL	R	NR
DIMETHYL PHTHALATE	NR	NR
DIOCTYL PHTHALATE	NR	NR
DIPROPYLENE GLYCOL	R	NR
ETHYLENE GLYCOL	R	R
FATTY ACIDS	R	R
FERRIC CHLORIDE	R	R
FERRIC NITRATE	R	R

LEGEND  
R - RESISTANT  
NR - NOT RESISTANT

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FERRIC SULFATE	R	R
FERROUS CHLORIDE	R	R
FERROUS NITRATE	R	R
FERROUS SULFATE	R	R
FLUOBORIC ACID 10%	NR	NR
FLUOSILICIC ACID 0-20%	NR	NR
FORMALDEHYDE	R	NR
FORMIC ACID 10%	R	NR
FUEL OIL	R	NR
GAS, NATURAL	R	NR
GASOLINE, AUTO	R	NR
GASOLINE AVIATION	R	NR
GASOLINE, ETHYL	R	NR
GASOLINE, SOUR	R	NR
GLYCONIC, ACID	R	NR
GLUCOSE	R	R
GLYCERIN	R	R
GLYCOL - PROPYLENE	R	R
GLYCOLIC ACID 70%	R	NR
HEPTANES	R	NR
HEXANE	R	NR
HEXALENE GLYCOL	R	R
HYDRAULIC FLUID	R	NR
HYDROBROMIC ACID 0-25%	R	NR
HYDROCYANIC ACID	R	NR
HYDROFLUOSILICIC ACID 10%	NR	NR
HYDROGEN CHLORIDE, WET	NR	NR
HYDROGEN FLUORIDE, VAPOR	R	MAX 95
HYDROGEN PEROXIDE 35%	R	MAX 120
HYDROGEN SULFIDE DRY	R	MAX 250
HYPOCHLOROUS ACID 0-10%	R	MAX 104
ISOPROPYL PALMITATE	R	MAX 180
KEROSENE	R	MAX 120
LACTIC ACID	R	MAX 200
LEAD ACETATE	R	MAX 160
MAGNESIUM CARBONATE	R	MAX 160

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MAGNESIUM CHLORIDE	R	MAX 220
MAGNESIUM NITRATE	R	MAX 160
MAGNESIUM SULFATE	R	MAX 200
MERCURIC CHLORIDE	R	MAX 212
MERCUROUS CHLORIDE	R	MAX 212
MINERAL OILS	R	MAX 180
NAPHTHA	R	R
NAPHTHALENE	R	NR
NICKEL CHLORIDE	R	NR
NICKEL NITRATE	R	R
NICKEL SULFATE	R	R
NITRIC ACID 0-5%	R	R
OCTANOIC ACID	R	NR
OIL, SOUR CRUDE	R	R
OIL, SWEET CRUDE	R	R
OLEIC ACID	R	R
OLIVE OIL	R	R
OXALIC ACID	R	R
PHOSPHORIC ACID	R	R
PHOSPHORIC ACID FUMES	R	R
PHOSPHOROUS PENTOXIDE	R	R
PHTHALIC ACID	R	R
PICKLING ACIDS	R	R
PICRIC ACID, ALCOHOLIC	R	R
POLYVINYL ACETATE LATEX	R	NR
POLYVINYL ALCOHOL	R	NR
POTASSIUM ALUMINUM SULFATE	R	MAX 170
POTASSIUM BICARBONATE	R	NR
POTASSIUM CARBONATE	R	NR
POTASSIUM CHLORIDE	R	R
POTASSIUM FERRO CYANIDE	R	R
POTASSIUM NITRATE	R	R
POTASSIUM PERMANGANATE	R	NR
POTASSIUM PERSULFATE	R	NR
POTASSIUM SULFATE	R	R
PULP PAPER MILL EFFLUENT	R	NR

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PYRIDINE	NR	NR
SILVER NITRATE	R	R
SOAPS	R	NR
SODIUM ACETATE	R	NR
SODIUM BENZOATE	R	NR
SODIUM BIFLUORIDE	R	NR
SODIUM BISULFATE	R	R
SODIUM BISULFITE	R	R
SODIUM BROMIDE	R	R
SODIUM CARBONATE 0-25%	R	NR
SODIUM CHLORATE	R	NR
SODIUM CHLORIDE	R	NR
SODIUM CHLORITE 25%	R	NR
SODIUM CYANIDE	R	NR
SODIUM DICHROMATE	R	R
SODIUM DI-PHOSPHATE	R	R
SODIUM FERRICYANIDE	R	R
SODIUM HYDROXIDE 0-5%	R	R
SODIUM HYDROSULFIDE	R	NR
SODIUM HYPOCHLORITE	R	NR
SODIUM LAURYL SULFATE	R	R
SODIUM MONO-PHOSPHATE	R	R
SODIUM NITRATE	R	R
SODIUM SILICATE	R	NR
SODIUM SULFATE	R	R
SODIUM SULFIDE	R	NR
SODIUM SULFITE	R	NR
SODIUM TETRABORATE	R	R
SODIUM THIOSULFATE	R	NR
SODIUM TRIPOLYPHOSPHATE	R	NR
SODIUM XYLENE SULFONATE	R	NR
SODIUM SOLUTIONS	R	NR
SODIUM CRUDE OIL	R	R
SOYA OIL	R	R

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STANNIC CHLORIDE	R	R
STANNOUS CHLORIDE	R	R
STEARIC ACID	R	R
SUGAR, BEET AND CANE LIQUOR	R	NR
SUGAR, SUCROSE	R	R
SULFAMIC ACID	R	NR
SULFATED DETERGENTS	R	NR
SULFURIC ACID 0-30%	R	R
SULFURIC ACID 30-50%	NR	NR
SULFURIC ACID 30-50%	NR	NR
SULFURIC ACID 50-70%	R	MAX 150
SULFUROUS ACID 10%	NR	NR
SUPERPHOSPHORIC ACID	R	NR
TALL OIL	R	NR
TANNIC ACID	R	NR
TARTARIC ACID	R	R
TOLUENE	NR	NR
TRICHLORO ACETIC ACID 50%	R	NR
TRIDECYLBENZENE SULFONATE	R	NR
TRISODIUM PHOSPHATE	R	NR
UREA	R	NR
VEGETABLE OILS	R	R
VINEGAR	R	R
WATER - DEIONIZED	R	R
WATER - DEMINERALIZED	R	R
WATER - DISTILLED	R	R
WATER - FRESH	R	R
WATER - SALT	R	R
WATER - SEA	R	R
WHITE LIQUOR - PULP MILL	R	NR
XYLENE	NR	NR
ZINC CHLORATE	R	R
ZINC NITRATE	R	R
ZINC SULFATE	R	R

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