

> GLASS FIBRE COMPOSITES <

CORROSION RESISTANCE

Chemical environment	Iso		Vinylester	
	Concentration	Max. operation temp. (°C)	Concentration	Max. operation temp. (°C)
Acetic acid	50	52	50	82
Aluminum Hydroxide	100	71	100	77
Ammonium Chloride	All	77	All	88
Ammonium Hydroxide	28	NR	28	38
Ammonium Bicarbonate	15	52	50	65
Ammonium Sulfate	All	77	All	93
Benzene	NR	NR	NR	NR
Benzoic Acid	S	66	S	93
Borax	S	77	S	93
Calcium Carbonate	S	77	All	82
Calcium Nitrate	All	82	All	93
Carbon Tetrachloride	NR		100	24
Chlorine – dry gas	/	60	/	77
Chlorine water	S	27	S	82
Chromic Acid	5	21	10	49
Citric Acid	All	77	All	93
Copper Chloride	All	77	All	93
Copper Cyanide	All	77	All	93
Copper Nitrate	All	77	All	93
Ethanol	50	24	50	32
Ethylene Glycol	100	32	100	93
Ferric Chloride	All	77	All	93
Ferrous Chloride	All	77	All	93
Formaldehyde	50	24	All	38
Gasoline	100	27	100	65
Glucose	100	77	100	93
Glycerine	100	66	100	93
Hydrobromic Acid	50	49	50	49
Hydrochloric Acid	37	24	37	38
Hydrochloric Peroxide	5	38	30	38
Lactic Acid	All	77	All	93
Litium Chloride	S	66	S	93
Magnesium Chloride	All	77	All	93
Magnesium Nitrate	All	66	All	82
Magnesium Sulfate	All	77	All	88
Mercuric Chloride	100	66	100	88
Mercurous Chloride	All	60	All	82
Nickel Chloride	All	77	All	93
Nickel Sulfate	All	77	All	93
Nitric Acid	20	21	20	38
Oxalic Acid	All	24	All	96

Perchloric Acid	NR	NR	30	27
Potassium Chloride	All	77	All	93
Potassium Dichromate	All	77	All	93
Potassium Nitrate	All	77	All	93
Potassium Sulfate	All	77	All	93
Propylene Glycol	All	77	All	93
Sodium Acetate	All	71	All	93
Sodium Bisulfate	All	77	All	93
Sodium Bromide	All	77	All	93
Sodium Cyanide	All	77	All	93
Sodium Hydroxide	NR	NR	25	66
Sodium Nitrate	All	77	All	93
Sodium Sulfate	All	77	All	93
Stannic Chloride	All	71	All	88
Sulfuric Acid	25	24	75	38
Tartaric Acid	All	77	All	93
Vinegar	100	77	100	93
Water distilled	100	77	100	82
Zinc Nitrate	All	77	All	93
Zinc Sulfate	All	77	All	93

All: all concentration

S: saturated solution

The above corrosion resistance data is only for your reference. The above values come from test data of resin manufacturers and indicate that a specific resin can withstand the corrosion conditions as indicated above. These data is believed to be as accurate as possible. Testing for specific environments is recommended.