



TERRAGRATE™

CHEMICAL RESISTANCE CHART

CHEMICAL ENVIRONMENT	VINYL ESTER RESIN		ISOPHTHALIC POLYESTER	
	%CONCENTRATION	MAX.OPER.TEMP F/C	%CONCENTRATION	MAX.OPER.TEMP F/C
Acetic Acid	50	180/82	50	125/52
Aluminum Hydroxide	100	170/77	100	160/71
Ammonium Chloride	ALL	190/88	ALL	170/77
Ammonium Hydroxide	28	100/38	28	N/R
Ammonium Bicarbonate	50	150/65	15	125/52
Ammonium Sulfate	ALL	200/93	ALL	170/77
Benzene	N/R	N/R	N/R	N/R
Benzoic Acid	SAT	200/93	SAT	150/66
Borax	SAT	200/93	SAT	170/77
Calcium Carbonate	ALL	180/82	SAT	170/77
Calcium Nitrate	ALL	200/93	ALL	180/82
Carbon Tetrachloride	100	75/24	N/R	N/R
Chlorine, Dry Gas	-	170/77	-	140/60
Chlorine Water	SAT	180/82	SAT	80/27
Chromic Acid	10	120/49	5	70/21
Citric Acid	ALL	200/93	ALL	170/77
Copper Chloride	ALL	200/93	ALL	170/77
Copper Cyanide	ALL	200/93	ALL	170/77
Copper Nitrate	ALL	200/93	ALL	170/77
Ethanol	50	90/32	50	75/24
Ethylene Glycol	100	200/93	100	90/32
I-erric Chloride	ALL	200/93	ALL	170/77
Ferrous Chloride	ALL	200/93	ALL	170/77
Formaldehyde	ALL	100/38	50	75/24
Gasoline	100	150/65	100	80/27
Glucose	100	200/93	100	170/77
Glycerine	100	200/93	100	150/66
Hydrobromic Acid	50	120/49	50	120/49
Hydrochloric Acid	37	100/38	37	75/24
Hydrogen Peroxide	30	100/38	5	100/38
Lactic Acid	ALL	200/93	ALL	170/77
Lithium chloride	SAT	200/93	SAT	150/66

Magnesium Chloride	ALL	200/93	ALL	170/77
Magnesium Nitrate	ALL	180/82	ALL	140/66
Magnesium Sulfate	ALL	190/88	ALL	170/77
Mercuric Chloride	100	190/88	100	150/66
Mercurous Chloride	ALL	180/82	ALL	140/60
Nickel Chloride	ALL	200/93	ALL	170/77
Nickel Sulfate	ALL	200/93	ALL	170/77
Nitric Acid	20	100/38	20	70/21
Oxalic Acid	ALL	120/96	ALL	75/24
Perchloric Acid	30	80/27	N/R	N/R
Phosphoric Acid	100	200/93	100	120/49
Potassium Chloride	ALL	200/93	ALL	170/77
Potassium Dichromate	ALL	200/93	ALL	170/77
Potassium Nitrate	ALL	200/93	ALL	170/77
Potassium Sulfate	ALL	200/93	ALL	170/77
Propylene Glycol	ALL	200/93	ALL	170/77
Sodium Acetate	ALL	200/93	ALL	160/71
Sodium Bisulfate	ALL	200/93	ALL	170/77
Sodium Bromide	ALL	200/93	ALL	170/77
Sodium Cyanide	ALL	200/93	ALL	170/77
Sodium Hydroxide	25	150/66	N/R	N/R
Sodium Nitrate	ALL	200/93	ALL	170/77
Sodium Sulfate	ALL	200/93	ALL	170/77
Stannic Chloride	ALL	190/88	ALL	160/71
Sulfuric Acid	75	100/38	25	75/24
Tartaric Acid	ALL	200/93	ALL	170/77
Vinegar	100	200/93	100	170/77
Water, Distilled	100	180/82	100	170/77
Zinc Nitrate	ALL	200/93	ALL	170/77
Zinc Sulfate	ALL	200/93	ALL	170/77

ALL...ALL Concentrations SAT...Saturated Solution N/R...Not Recommended-...No Information Available.

The Chemical resistance data that is listed above is for general information only. The resin manufacturers have provided testing data, which indicates that the specific resins can withstand the conditions listed above. TerraGrate® believes the data to be accurate but testing for specific environments is highly recommended. TerraGrate © claims no responsibility for breach of warranty or negligence.