

CHEMICAL RESISTANCE CHART OF PULTRUDED GRATINGS

Chemical	Type Vinyl Ester		Type Isophthalic	
	% Concentration	Maximum operating Temperature	% Concentration	Maximum operating Temperature
Acetic acid	50	180/82	50	125/52
Benzonic acid	SAT	100/93	SAT	150/66
Chromate	10	120/49	5	70/21
Citric acid	ALL	200/93	ALL	170/77
Hydrobromic acid	50	120/49	50	120/49
Hydrocihloric acid	37	100/38	37	75/24
Lactic acid	ALL	200/93	SAT	170/77
Nirate	20	100/38	20	70/21
Oxalic acid	ALL	120/96	ALL	75/24
Perchloric acid	30	80/27	N/R	N/R
Phosphate	100	200/93	100	120/49
Sulfuric acid	75	100/38	25	75/24
Tartaric acid	ALL	200/93	ALL	170/77
Vineger	100	200/93	100	170/77
Ammonnium hydroxide	28	100/38	28	N/R
Oh	100	170/77	100	160/71
Borax	SAT	200/93	SAT	170/77
Ammonium oxidation	ALL	190/88	ALL	170/77
Ammonium bicarbonate	50	150/65	15	125/52
Ammonium sulfate	ALL	200/93	ALL	170/77
Calcium carbonate	ALL	180/82	SAT	170/77
Calcium nitrate	ALL	200/93	ALL	180/82
Copper chloride	ALL	200/93	ALL	170/77
Copper cyanide	ALL	200/93	ALL	170/77
Copper nitrate	ALL	200/93	ALL	170/77
Ferric chloride	ALL	200/93	ALL	170/77
Ferrous chloride	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	100/82	ALL	140/66
Magnesium sulfate	ALL	190/88	ALL	170/77
Mercuric chloride	100	190/88	100	150/56
Calomel	ALL	180/82	ALL	140/60
Nickel chloride	ALL	200/93	ALL	170/77

Nickel sulfate	ALL	200/93	ALL	170/77
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
Sodium acetate	ALL	300/93	ALL	160/71
Sodium bisulfate	ALL	200/93	ALL	170/77
Sodium bromide	ALL	200/93	ALL	170/77
Sodium chlorine	ALL	200/93	ALL	170/77
Sodium cyanide	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
Zinc nitrate	ALL	200/93	ALL	170/77
Phenoxin	100	75/24	N/R	N/R
Chlorine	...	170/77	...	140/60
Chlorine water	SAT	180/82	SAT	80/27
Ethanol	50	90/32	50	75/24
Diethylene glycol	100	200/93	100	90/32
Formaldehyde	ALL	100/38	50	75/24
Gasoline	100	150/65	100	80/27
Glucose	100	200/93	100	170/77
Glycerol	100	200/93	100	150/66
Peroxide	30	100/38	5	100/38
Diethylpropanediol	ALL	200/93	ALL	170/77
Distilled water	100	180/82	100	170/77
Benzene	N/R	N/R	N/R	N/R

All-Concentrations; SAT-Saturated Solution; N/R-Not Recommended - No Information Available