

Chemical resistance of resin.

As recommended by resin manufacturers.

CHEMICAL	Conc.%	Ortho	Iso	Bisph.	VER	VER-EPN
Acetic Acid	10	25	40	90	80	90
Acetic Acid	25	N.R	30	90	80	90
Acetic Acid	75	N.R	25	60	60	65
Acetone	100	N.R	NR	N.R	N.R	N.R
Aluminium Chloride	All	40	60	95	95	99
Aluminium Sulfate	All	40	60	95	95	100
Ammonia	Liquid	N.R	NR	N.R	N.R	N.R
Ammonia	5	NR	25	60	60	65
Ammonia	10	NR	25	60	60	65
Ammonia	20	NR	NR	60	60	65
Ammonia	29	NR	NR	35	35	40
Ammonium Chloride	all	40	55	95	95	95
Ammonium Fluoride*	10	N.R	NR	60	65	75
Ammonium Hydroxide*	10	N.R	NR	60	N.R	60
Ammonium Nitrate	20	N.R	30	80	80	100
Ammonium Sulfate	All	25	60	80	80	95
Amyl Alcohol	All	-	25	35	40	45
Aniline Sulphate	all	N.R	40	80	-	95
Barium Carbonate	all	-	-	80	80	95
Barium Chloride	all	40	60	90	90	95
BenzeneSulfonic Acid	50	N.R	50	60	60	65
Benzoic Acid	all	25	60	80	80	95
Boric Acid	all	40	60	80	80	95
Bromine gas (dry)	all	N.R	NR	N.R	N.R	N.R
Butyl Acetate	all	N.R	NR	N.R	N.R	25
Butyl Alcohol	all	N.R	35	35	35	50
Butyric Acid	50	-	-	40	60	95
Calcium Chlorate	all	-	-	60	60	95
Calcium Chloride	all	40	50	60	60	95
Calcium Hydroxide *	all	N.R	N.R	60	60	60
Calcium Hypochlorite*	10	N.R	N.R	60	60	60
Carbon Dioxide	gas	50	70	80	80	90
Carbon Tetrachloride	100	N.R	N.R	30	30	30
Chlorine, dry./wet	Gas	N.R	N.R	25/100	25/100	25/100
Chlorine Dioxide	-	N.R	N.R	45	50	60
Chlorine Water	All	N.R	25	55	55	60
Chloroacetic Acid	25	NR	25	70	45	45
Chlorobenzene	-	N.R	N.R		N.R	35
Chloroform	-	N.R	N.R		N.R	N.R
Chromic Acid	40318	N.R	25 /N.R	60 /30	65 /30	65 /40
Citric Acid	All	40	70	95	95	95
Copper Chloride	All	40	70	95	75	95
Copper Cynide	All	-	70	90	75	95
Copper Sulfate	All	40	70	95	95	95
Crude Oil	-	N.R	N.R	80	80	90
Dibutyl Phthalte	100	25	60	70	70	70
Dichlorobenzene	-	N.R	N.R	N.R	N.R	40
Diesel Fuel	-	35	45	45	40	50
Diethylene glycol	100	40	70	95	80	95

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Diethyl Phthalate	100	25	60	70	70	70
Dimethyl Phthalate	100	25	60	70	70	70
Ethyl Alcohol	All	N.R	30	25	30	35
Ethyl Chloride	10	N.R	N.R	-	N.R	-
Ethylene Dichloride	100	N.R	N.R	-	N.R	-
Ethylene Glycol	100	40	65	90	80	95
Fatty Acids	100	25	65	90	90	95
Ferric III Chloride	All	40	65	90	90	95
FerricIII Nitrate	All	30	65	90	90	95
Ferric III Sulfate	All	40	65	90	90	95
Ferrous II Chloride	All	30	65	90	90	95
Ferrous II Nitrate	All	30	65	60/95	75	100
Ferrous II sulfate	All	40	65	60/95	75	100
Formic Acid	10	NR	30	70	70	80
Gasoline	-	NR	40	NR	40	40
Glycerol	100	40	60	100	90	95
Heptane	100	25	50	60	60	60
Hydrochloric Acid	10	N.R	50	90	90	95
Hydrochloric Acid	20	N.R	60	70	70	100
Hydrochloric acid	37	N.R	25	30	30	40
Hydrofluric Acid*	10	N.R	N.R	60	60	65
Hydrogen	5	N.R	25	60	60	60
Peroxide(a)						
Hydrogen	30	NR	NR	25	25	30
Peroxide(b)						
Hydrogen Sulfide	gas	25	40	65	65	70
Isopropyl Alcohol	All	N.R	30	30	30	35
Kerosene	100	25	30	30	35	45
Lactic Acid	All	NR	50	75	75	100
Lead Acetate	All	40	70	75	75	100
Linseed Oil	100	40	80	75	75	100
Magnesium	All	25	70	75	75	95
Carbonate						
Magnesium Chloride	All	40	70	75	75	95
Magnesium Sulfate	All	40	70	75	75	95
Mercuric I Chloride	All	40	70	75	75	80
Mercuric II Chloride	All	40	70	75	75	80
Methyl Alcohol	All	N.R	30	30	30	35
Methylene Chloride	100	N.R	N.R	N.R	N.R	N.R
Methyl Ethyl Ketone	100	N.R	N.R	N.R	N.R	N.R
Naptha	100	25	40	30	60	60
Naphtalene	100	N.R	60	65	65	90
Nickel Chloride	All	40	70	70	70	100
Nickel Nitrate	All	40	70	70	70	100
Nickel Sulfate	All	40	70	70	70	100
Nitric Acid	5	N.R	40	70	70	75
Nitric Acid	10	N.R	25	60	60	65
Nitric Acid	20	N.R	N.R	45	45	50
Nitric Acid	60	N.R	N.R	N.R	N.R	N.R

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Nitrobenzene	100	N.R	N.R	N.R	N.R	35
Oleic Acid	All	40	70	75	75	90
Oxalic Acid	All	N.R	40	75	75	95
Perchloric Acid	10	N.R	N.R	30	30	35
Phenol	10	N.R	N.R	25	25	25
Phosphoric Acid	10	40	70	70	75	85
Phosphoric Acid	25	30	60	70	75	85
Phosphoric acid	50	N.R	40	40	40	85
Phthalic Anhydride	All	-	70	70	70	90
Pot. Bicarbonate	All	25	70	70	70	80
Pot. Carbonate*	10	N.R	70	70	70	80
Potassium Chloride	All	40	70	70	70	80
Pot. Dichromate	all	25	30	35	35	80
Pot. Ferricyanide	all	-	-	70	70	80
Pot. Ferrocyanide	all	-	-	70	70	80
Pot. Hydroxide	10	NR	NR	65	65	65
Potassium Nitrate	all	40	70	60	60	70
Pot. Permanganate	all	NR	70	70	70	75
Pot. Sulphate	all	40	70	70	75	65
Propylene Glycol	all	40	70	70	75	100
Silver Nitrate	all	NR	60	70	70	90
Sodium Bicarbonate	all	-	70	70	75	80
Sodium Carbonate*	10	NR	25	70	80	80
Sodium Hydroxide	5	NR	NR	70	70	75
Sodium Hydroxide	10	NR	NR	70	70	65
Sodium Hydroxide	25	NR	NR	50	50	60
Sodium Hydroxide	50	NR	NR	80	80	90
Sodium sulfide	all	NR	NR	75	75	90
Stannous II Chloride	all	40	70	75	75	90
Stannic IV Chloride	all	40	70	75	75	90
Stearic Acid	all	25	70	75	75	100
Sulphur Dioxide	Dry	NR	NR	NR	NR	NR
	gas					
Sulphuric Acid (a)	10	40	70	45/75	75	100
Sulphuric Acid (b)	25	-	60	95	95	95
Sulphuric Acid	50	25	70	75	75	95
Sulphuric Acid	70	N.R	25	70	70	80
Sulphuric Acid	98	N.R	N.R	N.R	N.R	N.R
Sulphurtrioxide	gas	-	25	25	25	95
Tannic Acid	all	-	70	70	75	100
Toluene	100	N.R	25	25	25	45
Trichloro Ethylene	100	N.R.	N.R.	N.R.	N.R.	N.R.
Trisodium Posphate	all	N.R.	75	75	80	100
Water Demineralized		45	65	70	70	90
Water distilled	-	45	65	70	70	90
Water Sea	-	45	65	70	70	90
Xylene	100	N.R	-	30	30	45
Zinc Chloride	all	40	60	75	75	80
Zinc Sulfate	all	40	60	75	75	80

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