Resintech Inc.

Selective Resins and Specialty Products

PRODUCT	TYPE	IONIC FORM	APPROX SHIP WT *lbs/cu.ft.*	SCREEN SIZE *US mesh* *percent*	WATER RETENTION *percent*	TOTAL CAPACITY *meq/ml* *(kgr./cu.ft.)*	MAXIMUM TEMP. *Degrees F.*	TOTAL REVERSIBLE SWELLING *percent*	RECOMMENDED USES
CG8- H- ID	Strong Acid 8% DVB	H	50	+16<2 50 <1	49- 54	1.85 (40.4)	265	Na to H 5- 7	Hydrogen form cation resin with indicator dye that changes color upon exhaustion. Suitable for use in cartridges.
SIR- 22P	Strong Base Gel Type 1	Cl	41	+20 <2 -40 <1	70- 80	—	170 Cl Cycle	—	Extremely high porosity gel Type 1 anion resin for chloride cycle organic scavenging and color removal. Reduced bead size provides fast kinetics.
SIR- 100	Strong Base Gel (Triethylamine)	Cl	42	+16 <2 -50 <1	50- 65	1.0 (24.0)	170 Cl Cycle	Cl to OH 10	Highly selective for nitrates. Meets all major European specifications for potable water applications.
SIR- 200	Thiol Functionality	H	45	+16 <2 -50 <1	45- 50	1.2 (26.2)	160	—	Chelating resin specific for mercury removal.
SIR- 300	Iminodiacetate Functionality	Na	43	+16 <2 -50 <1	55- 60	1.0 (21.9)	212	H to Na Approx. 40	Chelating resin specific for heavy metals removal.
SIR- 400	Thiouronium Functionality	H+	47	+16 <2 -50 <1	45- 50	2.0 (43.6)	175	—	Chelating resin for precious metals removal.
SIR- 500	Aminophosphonic Functionality	Na	45	+16 <2 -50 <1	65- 70	1.1 (24.0)	185	H to Na Approx. 35	Chelating resin for removal of hardness from brine.
SIR- 600	Processed Zeolite	Na	66	+16 <5 -50 <5	N. A.	1.6 (34.9)	212	—	Cesium specific zeolite. Also effective for ammonia removal.
SIR- 700	Weak Base Granular	SO 4	40	+16 <2 -50 <1	50	2.2 (48.1)	170	FB to SO 4 Approx. 10	Chromate selective media has up to 7 lb. Cr./cu.ft. capacity for chromate under slightly acidic conditions.
SIR- 800	Strong Base Anion	SO 3	44	+16 <2 -50<1	40- 44	1.0 (21.9)	170	—	Oxygen scavenger resin with sulfite functionality.
SIR- 900	Processed Zeolite	—	42	+12 <2 -30 <1	<10	—	212	—	Adsorbent media is selective for arsenic, fluoride and lead.
SIR-1000	Picolylamine	acid-sulfate	42	+16 <5 50<3	40-60	1.0 (21.8)	160	FB to Acid Approx. 20	Heavy metals such as Ni , Cu , Zn, Fe, Cd, Co, U etc. recovery or removal at low pH. Revitalization of spent trichrome plating baths