

SuperEx S 20 Na

Strong Acid Cation Exchange Resin

SuperEx S 20 Na is a premium grade strong acid cation exchange resin containing nuclear sulphonic acid groups. It is supplied with a standard particle size distribution to provide good kinetics and minimum pressure drop. It exhibits excellent physical and chemical stability along with good operating characteristics.

SuperEx S 20 Na is supplied in moist spherical beads in Sodium form.

It is ideally suited for use in a wide range of pH and temperature conditions.

Specs	
Appearance	Spherical Beads
Matrix	Styrene DVB Copolymer
Functional Group	Sulphonic Acid
Ionic Form	Sodium
Exchange Capacity meq/ml(min.)	2.0
Moisture %	42 to 50
Reversible Swelling approx.	7
Particle Size Distribution mm	0.4 to 1.2
Effective Size mm	0.45 to 0.55
Max Operating Temp.	120
Uni form Coefficient	1.7
Backwash Settled Density g/l	800 to 850

KEY FEATURES

- Non Toxicology certified
- 100% strainer choke free resin
- Controlled Particle Size for lowest Pressure drop
- Zero top up requirement for longer use
- 20% less salt required for regeneration hence generating lesser waste water

TYPICAL APPLICATIONS

- Demineralization & Softening

STANDARD PACKING

- 25 lit LDPE Bags
- 200 lit Drum & 1000 lit Big Bag





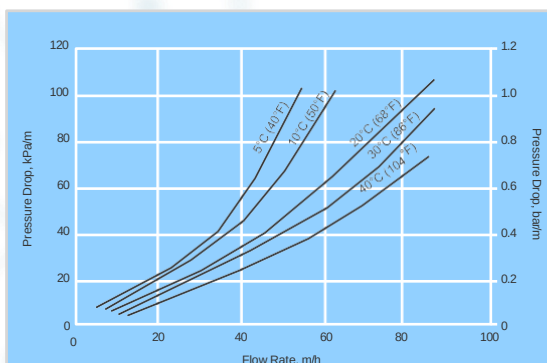
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SuperEX S 20 Na

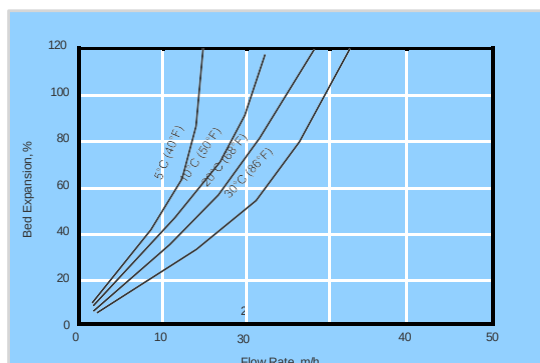
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GRAPH

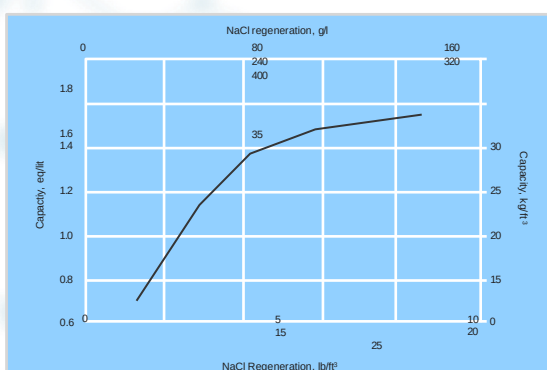
PRESSURE DROP



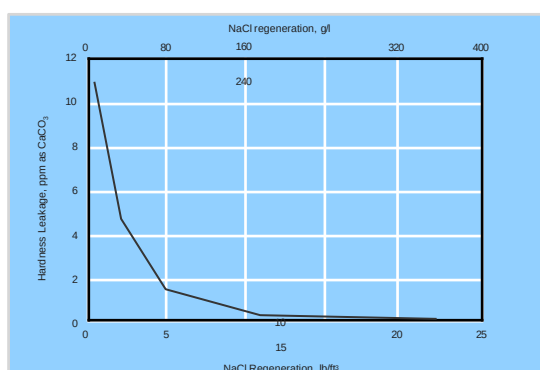
BACKWASH EXPANSION



CAPACITY INFORMATION



HARDNESS LEAKAGE INFORMATION



STANDARD REGENERATION PARAMETERS

Regeneration	Co-Flow	Counter-Flow
Concentration % NaCl	10%	10%
Regeneration Level g/l	80 to 200	50 to 150
Flow rate regeneration BV/h	4 to 6	5 to 8
Contact time regeneration min.	30 to 60	20 to 40
Flow rate rinse BV/h	5 to 20	5 to 20
Rinse water required BV	8 to 15	3 to 6

In view of our constant endeavors to improve the quality of our products, we reserve the right to change their specifications without prior notice.

HEAD OFFICE:
803, 8th Floor, Rama Equator, Morwadi,
Pimpri, Pune – 411018, Maharashtra, INDIA.

+91 (020) 29993581/29993921

admin@autus.in
www.autus.in