

SuperEx A 14 OH

Strong Base Anion Exchange Resin

SuperEx A 14 OH is a premium grade porous strong base anion exchange resin product with quaternary ammonium functional group. 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. This product has good selectivity for weak acids like silicic and carbonic along with strong mineral acids when used in water treatment in conjunction with cation exchanger.

SuperEx A 14 OH is supplied as moist spherical bead in Hydroxide form.

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

TYPICAL CHARACTERISTICS

Specs	
Type of Product	Anion Type 1
Appearance	Spherical Beads
Matrix	Styrene DVB Copolymer
Functional Group	Quaternary Ammonium
Ionic Form	Hydroxide
Exchange Capacity meq/ml	1.0
Moisture %	60 to 70
Reversible Swelling approx.	20
Particle Size Distribution mm	0.4 to 1.1
Effective Size mm	0.45 to 0.65
Uniform Coefficient Max.	1.6
Backwash Settled Density g/l	670 to 710
Maximum Operating Temp.	80

KEY FEATURES

- Controlled particle size distribution
- Lowest % Fines & % broken pieces compared to others
- Supplied in super regenerated form
- Product treated for low leachables

TYPICAL APPLICATIONS

- Demineralization & Pure water
- Other specialty applications

STANDARD PACKING

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

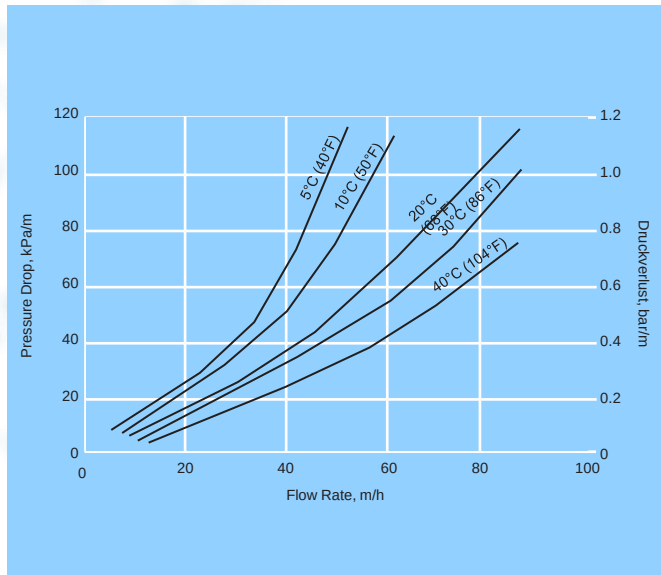


SuperEx A 14 OH

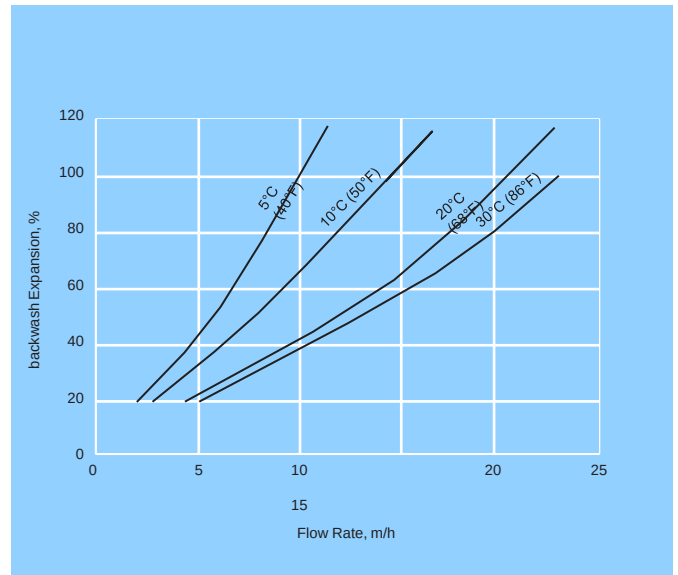
Strong Base Anion Exchange Resin

GRAPH

PRESSURE DROP GRAPH



BACKWASH EXPERIMENT GRAPH



STANDARD REGENERATION PARAMETERS

Description	Parameters
Mini Bed Depth in mm minimum	700
Regenerant	NaOH
Maximum service flow	60 m ³ /hr/m ³
Backwash expansion space	50 to 70 %
Backwash expansion flow rate at 25 °C (77 °F)	5 to 10 m ³ /hr/m ²
Regenerant level	40 to 160g NaOH/l
Regenerant concentration	4 to 5 % NaOH
Regeneration time	30 to 60 mins.
Slow rinse at regeneration flow rate	2 BV
Fast rinse at service flow rate	4 to 10 m ³ /m ³

PRODUCT PACKAGING



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