



Anion Exchange Resin A 130 (OH)

Description:

ASHAION® A 130 (OH) is a premium grade anion exchange resin used for demineralisation in regenerable mixed bed application.

Application:

ASHAION® A 130 (OH) is designed for use in mixed bed deionization systems, where it functions as the anion component alongside strong acid cation (SAC) resins. It is ideal for applications requiring high-purity deionized water, such as in laboratories, power plants, electronics manufacturing, and pharmaceutical processing. Its premium hydroxide form ensures efficient regeneration and consistent water quality output.

Characteristics:

Appearance	Translucent pale yellow beads
Matrix	Styrene -EDMA copolymer
Functional Group	Benzyl trimethyl amine
Ionic form as supplied	OH
Total exchange capacity	1.0 meq/ml, minimum
Moisture holding capacity	60 – 70%
Shipping weight *	640 - 700 kg/m ³
Bead strength	300 g/bead, average
Particle size range	0.3 to 1.2 mm
> 1.2 mm	5.0 %, maximum
< 0.3 mm	1.0 %, maximum
Uniformity co-efficient	1.7, maximum
Effective size	0.45 to 0.60 mm
Maximum operating temperature	60 C in OH form, 80 C in Cl form
Volume Change	Cl to OH, 25 - 30%, approximately
Operating pH range	0 to 14
Resistance to reducing agents	Good
Resistance to oxidizing agents	Generally good, chlorine should be absent
Osmotic Stability	Excellent



MADE IN INDIA

Anion Exchange Resin **A 130 (OH)**

Packing:

HDPE Lined bags : 25/50 Its

LDPE bags : 1 cft/25 Its

Super sack : 1000 Its

Super sack : 35/40/42 cft

MS/HDPE drums with liner bags : 180/200 Its

Fiber drums with liner bags : 7 cft

Storage:

Ion exchange resins require consistent care to maintain their effectiveness. It is essential to prevent the resin from drying out.

During storage, regularly inspect the resin by opening the plastic bags and checking its condition. If the resin appears dry, add sufficient clean demineralized water to keep it fully moist at all times.

Safety:

Acid and alkali solutions used for regeneration are corrosive and must be handled carefully to prevent contact with the eyes and skin. When using any oxidizing agents, appropriate safety precautions should be taken to prevent accidents and protect the resin from potential damage.

The **ASHAION®** range of ion exchange resins is manufactured at state-of-the-art, ISO 9001 and ISO 14001 certified facilities located in Maharashtra, India. To the best of our knowledge, the information provided in this publication is accurate. Asha Resins Limited follows a policy of continuous improvement and reserves the right to modify the information provided herein without prior notice.

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