

PRODUCT SPECIFICATION SHEET

MAGNA SX-A40-OH

STRONG BASE ANION

TYPE I ANION
STYRENIC MACROPOROUS
HYDROXIDE FORM

ResinTech SX-A40-OH is a type 1 macroporous strong base anion resin intended for use in the sugar industry, specifically sucrose acid neutralization. It is supplied in the hydroxide form. It has higher crosslinking than gel anion resins, which provides greater physical, thermal, and oxidative strength.

APPLICATIONS

- Sucrose acid neutralization (demineralization)

TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS

Polymer Matrix	Styrenic Macroporous
Ionic Form	Hydroxide
Functional Group	Trimethylamine
Physical Form	Spherical Beads
Particle Size, US Mesh (microns)	16 to 50 US Mesh (297 - 1190 µm)
Percent less than 50 mesh (300µm)	< 1
Minimum Sphericity (%)	97
Uniformity Coefficient	1.6
Reversible Swelling, (OH to Cl)	-18 to -25%
Temperature Limit	120°F (49°C)
Capacity (meq/mL)	1.45
Moisture Retention (%)	53 to 60
Shipping Weight, lbs/cu.ft. (g/L)	39 - 41 (625 - 657)
Color	Yellow to Tan
Regenerable	Yes

PACKAGING OPTIONS

- 1 ft³ bags
- 1 ft³ boxes
- 1 ft³ drums
- 7 ft³ drums
- 42 ft³ supersacks

Revision 1.0
ResinTech, Inc.®

