

PRODUCT SPECIFICATION SHEET

MAGNA SX-C60-H

STRONG ACID CATION

POLYSTYRENIC MACROPOROUS
HYDROGEN FORM

ResinTech SX-C60-H is a highly cross-linked strong acid cation resin supplied in hydrogen form. The SX-C60-H is a controlled acidity resin that provides a uniform sucrose inversion process. The SX-C60-H has a macroporous structure that facilitates a complete and fast reaction by allowing efficient ionic transfer throughout the bead structure.

APPLICATIONS

- Sucrose inversion

TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS

Polymer Matrix	Styrenic Macroporous
Ionic Form	Hydrogen
Functional Group	Sulfonic Acid
Physical Form	Spherical Beads
Particle Size, US Mesh (microns)	16 to 50 (297 - 1190 μ m)
Percent less than 50 mesh (300μm)	< 1
Minimum Sphericity	95%
Uniformity Coefficient	1.6
Reversible Swelling, (H to Na)	4 to -%
Temperature Limit	285°F (141°C)
Capacity (meq/mL)	1.0
Moisture Retention, H Form(%)	65 to 73%
Shipping Weight, lbs/cu.ft. (g/L)	46 - 48 (737 - 769)
Color	Tan
Regenerable	Yes

PACKAGING OPTIONS

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

Revision 1.1
ResinTech, Inc.®

