

PRODUCT SPECIFICATION SHEET

MAGNA RTS-0238-S

STRONG ACID CATION

POLYSTYRENIC MACROPOROUS
HYDROGEN FORM

ResinTech RTS-0238-S is a tan-colored highly cross-linked macroporous strong acid cation resin in hydrogen form. The RTS-0238-S is a controlled acidity resin that provides a uniform sucrose inversion process. The RTS-0238-S 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	16 to 50 US Mesh (297 - 1190 µm)
% < 50 mesh (300µm)	< 1%
Minimum Sphericity	95%
Uniformity Coefficient	1.6
Reversible Swelling	H to Na -4% to -6%
Temp Limit	285°F (141°C)
Capacity (meq/mL)	1.0
Moisture Retention	65% to 73%
Shipping Weight	46 - 48 lbs/ft ³ (737 - 769 g/L)
Color	Tan
Regenerability	Yes

PACKAGING OPTIONS

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

Revision 1.1
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