

PRODUCT SPECIFICATION SHEET

MAGNA RTS-0228-S

STRONG ACID CATION

POLYSTYRENIC GEL
10% CROSSLINKED
SODIUM FORM

ResinTech RTS-0228-S is a premium grade strong acid cation resin in sodium form. It is amber in color and made from a 10% cross-linked gel. The RTS-0228-S has a very high exchange capacity and high resistance to mechanical and osmotic stress. This ensures a high-quality refined syrup softening and decationization process with low pressure drop and long operating life.

APPLICATIONS

- Refined sugar syrup softening/Decationization

TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS	
Polymer Matrix	Styrenic Gel
Ionic Form	Sodium
Functional Group	Sulfonic Acid
Physical Form	Spherical Beads
Particle Size	16 to 50 US Mesh (297 - 1190 µm)
% < 50 mesh (300µm)	< 1%
Minimum Sphericity	93%
Uniformity Coefficient	1.6
Reversible Swelling	Na to H 4% to 8%
Temp Limit	280°F (138°C)
Capacity (meq/mL)	2.2
Moisture Retention	41% to 46%
Shipping Weight	53 - 55 lbs/ft ³ (849 - 881 g/L)
Color	Amber
Regenerability	Yes

PACKAGING OPTIONS

- 500 ml samples
- 1 ft³ bags
- 1 ft³ boxes
- 1 ft³ drums
- 7 ft³ drums
- 42 ft³ supersacks

Revision 1.0
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