

PRODUCT SPECIFICATION SHEET

MAGNA RTS-0268-W

WEAK ACID CATION

ACRYLIC MACROPOROUS
HYDROGEN FORM

ResinTech RTS-0268-W is a weak acid cation resin with a hyper-reticulated polymer structure and extensive macroporous area that allows efficient and fast exchange kinetics. This avoids the formation of HMF*. The RTS-0268-W has a very high mechanical/osmotic resistance that ensures a long service life.

APPLICATIONS

- Sucrose decationization

TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS

Polymer Matrix	Acrylic Macroporous
Ionic Form	Hydrogen
Functional Group	Carboxylic Acid
Physical Form	Spherical Beads
Particle Size	16 to 50 US Mesh (297 - 1190 µm)
% < 50 mesh (300µm)	< 1%
Minimum Sphericity	93%
Uniformity Coefficient	1.7
Reversible Swelling	H to Na 50% to 60%
Temp Limit	212°F (100°C)
Capacity (meq/mL)	1.7
Moisture Retention	50% to 55%
Shipping Weight	47 - 49 lbs/ft ³ (753 - 785 g/L)
Color	White to Cream
Regenerability	Yes

* Hydroxymethylfurfural (HMF), is an organic compound formed by the dehydration of reducing sugars.

PACKAGING OPTIONS

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

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