

PRODUCT SPECIFICATION SHEET

MAGNA SX-C10-NA

STRONG ACID CATION

POLYSTYRENIC GEL
10% CROSSLINKED
SODIUM FORM

ResinTech SX-C10-NA is a premium grade strong acid cation resin supplied in the sodium form. SX-C10-NA has a very high exchange capacity and high resistance to mechanical and osmotic stress. This ensures that the refined syrup softening and decationization process will have a high quality effluent, 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, US Mesh (microns)	16 to 50 (297 - 1190 μm)
Percent less than 50 mesh (300μm)	< 1
Minimum Sphericity	93%
Uniformity Coefficient	1.6
Reversible Swelling, (Na to H)	4 to 8%
Temperature Limit	280°F (138°C)
Capacity (meq/mL)	2.2
Moisture Retention, Na form (%)	41 to 46%
Shipping Weight, lbs/cu.ft. (g/L)	53 - 55 (849 - 881)
Color	Amber
Regenerable	Yes

PACKAGING OPTIONS

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

Revision 1.0
ResinTech, Inc.®

