

PRODUCT SPECIFICATION SHEET

MAGNA CG8-NH₄

STRONG ACID CATION

POLYSTYRENIC GEL
8% CROSSLINKED
AMMONIUM FORM

ResinTech CG8-NH₄ is an amber-colored 8% cross-linked gel strong acid cation resin in ammonium form. It has a capacity and other characteristics similar to other products in the CG8 family. CG8-NH₄ is intended for use in condensate polishing applications that require an ammoniated cation resin.

APPLICATIONS

- Cation component in ammoniated mixed beds

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	NH ₄ to Na 0% to 0%
Temp Limit	280°F (138°C)
Capacity (meq/mL)	2.0
Moisture Retention	42% to 49%
Shipping Weight	49 - 51 lbs/ft ³ (785 - 817 g/L)
Color	Dark Brown to Black
Regenerability	Yes

CERTIFICATIONS

- Kosher Certified

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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