

PRODUCT SPECIFICATION SHEET

MAGNA CG8-H-BL-SC

STRONG ACID CATION

SEMICONDUCTOR GRADE
BLACK POLYSTYRENIC GEL
8% CROSSLINKED
HYDROGEN FORM

ResinTech CG8-H-BL-SC is an 8% cross-linked gel strong acid cation resin in the hydrogen form. It has been functionally tested to produce >18 megohm resistivity and under 50 ppb of TOC (in a mixed bed using SC grade anion resin). CG8-H-BL-SC is intended for use in industrial applications where a hydrogen form cation resin is required and for mixed beds where its dark color makes visual identification of the cation/anion interface plainly evident.

APPLICATIONS

- Demineralization
- Cation Component in Mixed Beds

TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS	
Polymer Matrix	Styrenic Gel
Ionic Form	Hydrogen
Functional Group	Sulfonic Acid
Physical Form	Spherical Beads
Particle Size	16 to 50 US Mesh (297 - 1190 µm)
% < 50 mesh (300µm)	> .5%
Minimum Sphericity	93%
Uniformity Coefficient	1.6
Reversible Swelling	H to Na -5% to -8%
Temp Limit	265°F (129°C)
Capacity (meq/mL)	1.8
Moisture Retention	47% to 56%
Shipping Weight	49 - 51 lbs/ft ³ (785 - 817 g/L)
Color	Dark Brown to Black
Regenerability	Yes

PACKAGING OPTIONS

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

Revision 1.0
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