

# 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 <sup>3</sup> (785 - 817 g/L)
Color	Dark Brown to Black
Regenerability	Yes

### PACKAGING OPTIONS

- 1 ft<sup>3</sup> bags
- 1 ft<sup>3</sup> boxes
- 1 ft<sup>3</sup> drums
- 7 ft<sup>3</sup> drums
- 42 ft<sup>3</sup> supersacks

Revision 1.1  
ResinTech, Inc.®

