

## MAGNA CG8-H-BL-ULTRA

STRONG ACID CATION

**ULTRAPURE GRADE  
BLACK POLYSTYRENIC GEL  
8% CROSSLINKED  
HYDROGEN FORM**

ResinTech CG8-H-BL-ULTRA 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 2 ppb of TOC (in mixed bed using an ULTRA grade anion resin). CG8-H-BL-ULTRA is intended for use in industrial applications where a very low TOC 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	
<b>Polymer Matrix</b>	Styrenic Gel
<b>Ionic Form</b>	Hydrogen
<b>Functional Group</b>	Sulfonic Acid
<b>Physical Form</b>	Spherical Beads
<b>Particle Size</b>	16 to 50 US Mesh (297 - 1190 µm)
<b>% &lt; 50 mesh (300µm)</b>	> .5%
<b>Minimum Sphericity</b>	93%
<b>Uniformity Coefficient</b>	1.6
<b>Reversible Swelling</b>	H to Na -5% to -8%
<b>Temp Limit</b>	265°F (129°C)
<b>Capacity (meq/mL)</b>	1.8
<b>Moisture Retention</b>	47% to 56%
<b>Shipping Weight</b>	49 - 51 lbs/ft <sup>3</sup> (785 - 817 g/L)
<b>Color</b>	Dark Brown to Black
<b>Regenerability</b>	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 1.0  
© 2020 ResinTech, Inc.

