PRODUCT SPECIFICATION SHEET

MAGNA

CG8-H-LTOC

STRONG ACID CATION

LOW TOC GRADE
POLYSTYRENIC GEL
8% CROSSLINKED
HYDROGEN FORM

ResinTech CG8-H-LTOC is an amber-colored hydrogen form 8% cross-linked gel strong acid cation resin. The LTOC grade means it has been functionally tested to produce > 18 megohm resistivity and under 10 ppb of TOC (when paired in a mixed bed with LTOC grade anion resin). CG8-H-LTOC is intended for use in all industrial applications such as demineralization where a hydrogen form cation resin and low TOC are required.

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)	< 1%
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/ft³ (785 - 817 g/L)
Color	Amber
Regenerability	Yes

PACKAGING OPTIONS

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

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ResinTech, Inc.®

RESINTECH® INC.
INNOVATIONS IN ION EXCHANGE

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