

# PRODUCT SPECIFICATION SHEET

## MAGNA CG8-H-ID

STRONG ACID CATION

COLOR INDICATING  
POLYSTYRENIC GEL  
8% CROSSLINKED  
HYDROGEN FORM

ResinTech CG8-H-ID is a color-indicating 8% cross-linked gel strong acid cation resin in the hydrogen form. It is dyed with a permanent purple dye that changes from purple to amber as the resin exhausts from the hydrogen to the neutral salt form. CG8-H-ID is intended for use in applications where a visual indication of cation resin exhaustion is desired.

### APPLICATIONS

- Cartridges (Color-Indicating)
- Cation Conductivity
- Color-Indicating 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	85%
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	43% to 58%
Shipping Weight	49 - 51 lbs/ft <sup>3</sup> (785 - 817 g/L)
Color	Purple
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

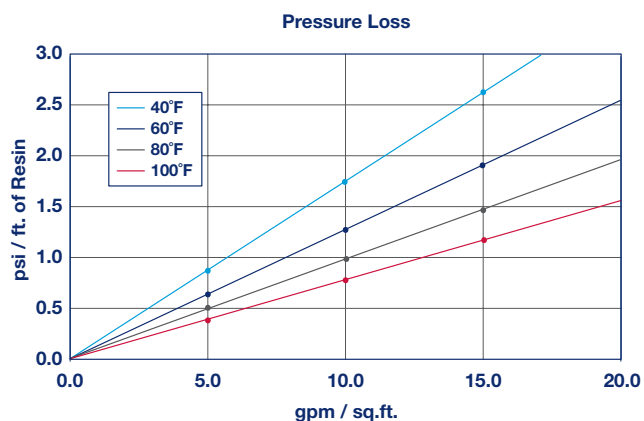
Revision 1.1  
ResinTech, Inc.®



## MAGNA CG8-H-ID

STRONG ACID CATION

COLOR INDICATING  
POLYSTYRENIC GEL  
8% CROSSLINKED  
HYDROGEN FORM



### SUGGESTED OPERATING CONDITIONS

Maximum continuous temperature	
Hydrogen form	190°F
Maximum pressure loss	25 psi
Service flow rate	1 to 10 gpm/cu.ft.

Note: These guidelines describe average low risk operating conditions. They are not intended to be absolute minimums or maximums.

For operation outside these guidelines, contact ResinTech Technical Support

DISTRIBUTED BY  
APACHE CHEMICALS, CORP., LLC.  
WWW.APACHECHEMICALS.COM