

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/ft³ (785 - 817 g/L)
Color	Purple
Regenerability	Yes

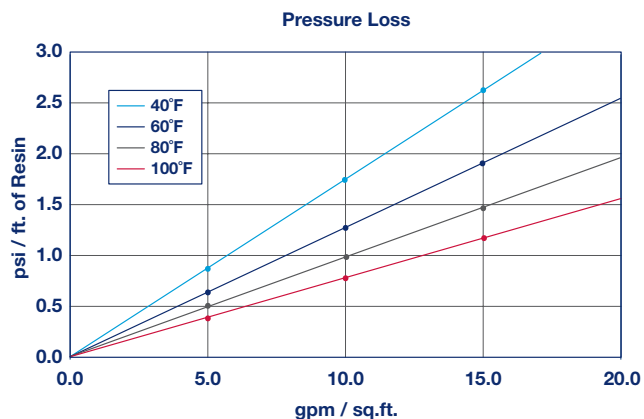
PACKAGING OPTIONS

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

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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