

MAGNA CG10-H-UPS

STRONG ACID CATION

UNIFORM PARTICLE SIZE
POLYSTYRENIC GEL
10% CROSSLINKED
HYDROGEN FORM

ResinTech CG10-H-UPS is an amber-colored uniform particle size hydrogen form 10% cross-linked gel strong acid cation resin. The uniform beads and somewhat smaller harmonic mean size yields minimal pressure loss and better regeneration efficiency compared to Gaussian-sized resins. It is intended for use in all industrial applications that require a hydrogen form cation resin and is recommended for countercurrently regenerated systems such as packed beds.

APPLICATIONS

- Demineralization
- Packed Beds
- 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	20 to 40 US Mesh (400 - 841 µm)
% < 50 mesh (300µm)	< 0.5 % minus 50
Minimum Sphericity	95%
Uniformity Coefficient	1.25
Reversible Swelling	Na to H -4% to -7%
Temp Limit	265°F (129°C)
Capacity (meq/mL)	2.0
Moisture Retention	44% to 52%
Shipping Weight	50 - 52 lbs/ft ³ (801 - 833 g/L)
Color	Amber
Regenerability	Yes
Uniform Particle Size	Yes

PACKAGING OPTIONS

- 500 ml samples
- 1 ft³ bags
- 1 ft³ boxes
- 1 ft³ drums
- 7 ft³ drums
- 42 ft³ supersacks

Revision 1.0
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