

MAGNA CN8-F

STRONG ACID CATION

**NON-SOLVENT
FINE MESH POLYSTYRENIC GEL
8% CROSSLINKED
SODIUM FORM**

ResinTech CN8-F is a non-solvent dark brown or black colored fine mesh strong acid cation resin in sodium form made with an 8% cross-linked gel. It offers faster kinetics and improved regeneration efficiency compared to similar resins with larger beads. CN8-F is intended for industrial softening applications that have high levels of iron in the feedwater, where resin bed depth is less than ideal, and for applications that challenge the kinetic limits of larger size resins.

APPLICATIONS

- Softening - Industrial
- Demineralization
- Iron Reduction

TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS	
Polymer Matrix	Styrenic Gel
Ionic Form	Sodium
Fuctional Group	Sulfonic Acid
Physical Form	Spherical Beads
Particle Size	30 to 50 US Mesh (297 - 595 µm)
% < 50 mesh (300µm)	< 30%
Minimum Sphericity	93%
Uniformity Coefficient	1.4
Reversible Swelling	Na to H 5% to 9%
Temp Limit	280°F (138°C)
Capacity (meq/mL)	2.0
Moisture Retention	42% to 52%
Shipping Weight	49 - 51 lbs/ft ³ (785 - 817 g/L)
Color	Dark Brown to Black
Regenerability	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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