PRODUCT SPECIFICATION SHEET

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

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TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS	
Polymer Matrix	Styrenic Gel
Ionic Form	Sodium
Functional 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	50 - 52 lbs/ft³ (801 - 833 g/L)
Color	Dark Brown to Black
Regenerability	Yes

CERTIFICATIONS

WQA Gold Seal*

* Meets standards:
NSF/ANSI 44: Residential Cation Exchange Water Softeners
NSF/ANSI-61: Drinking Water System Components - Health Effects
NSF/ANSI/CAN 372: Drinking Water System Components - Lead Content

PACKAGING OPTIONS

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

MADE IN AMERICA

RESINTECH® INC.
INNOVATIONS IN ION EXCHANGE

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