

# PRODUCT SPECIFICATION SHEET

## MAGNA CNS-F

STRONG ACID CATION

**NON-SOLVENT  
RESIDENTIAL SOFTENING  
FINE MESH POLYSTYRENIC GEL  
SODIUM FORM**

ResinTech CNS-F is a fine mesh, non-solvent, strong acid cation resin in sodium form. It is amber in color and made from standard cross-linked gel. CNS-F is Gold Seal Certified by the WQA for potable water applications. CNS-F is intended for residential softening applications with high levels of iron in the feedwater, that do not contain significant chlorine residual, and where resin bed depth is less than ideal.

### APPLICATIONS

- Softening - Residential
- Iron Removal - Residential

TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS	
<b>Polymer Matrix</b>	Styrenic Gel
<b>Ionic Form</b>	Sodium
<b>Functional Group</b>	Sulfonic Acid
<b>Physical Form</b>	Spherical Beads
<b>Particle Size</b>	16 to 45 US Mesh (297 - 1190 µm)
<b>% &lt; 50 mesh (300µm)</b>	< 2% (minus 70 mesh)
<b>Minimum Sphericity</b>	90%
<b>Uniformity Coefficient</b>	1.6
<b>Reversible Swelling</b>	Na to Ca -5% to -3%
<b>Temp Limit</b>	250°F (121°C)
<b>Capacity (meq/mL)</b>	1.8
<b>Moisture Retention</b>	40% to 52%
<b>Shipping Weight</b>	49 - 51 lbs/ft <sup>3</sup> (785 - 817 g/L)
<b>Color</b>	Black
<b>Regenerability</b>	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

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