

CNS-10

STRONG ACID CATION

**NON-SOLVENT
POLYSTYRENIC GEL
HIGHLY CROSSLINKED
SODIUM FORM**

ResinTech CNS-10 is a solvent-free premium grade dark colored sodium form highly crosslinked gel strong acid cation resin with high resistance to both thermal and chemical oxidation. It is intended for use in all residential and industrial applications where the importance of durability supersedes efficiency. It is particularly resistant to oxidation by chlorine or chloramines.

APPLICATIONS

- Softening - Residential
- Softening - Industrial



TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS	
Polymer Matrix	Styrenic Gel
Ionic Form	Sodium
Functional Group	Sulfonic Acid
Physical Form	Spherical Beads
Particle Size	16 to 50 US Mesh (297 - 1190 µm)
% < 50 mesh (300µm)	< 1%
Minimum Sphericity	90%
Uniformity Coefficient	1.6
Reversible Swelling	Na to H 4% to 8%
Temp Limit	280°F (138°C)
Capacity (meq/mL)	2.11
Moisture Retention	40% to 47%
Shipping Weight	52 - 54 lbs/ft³ (833 - 865 g/L)
Color	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

Revision 1.1

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RESINTECH INC.
INNOVATIONS IN ION EXCHANGE