

SOFTENING RESIN

Specifically targeting scale forming ions, such as calcium and magnesium, SRSO has been pre-treated and rinsed to eliminate taste and odour elution while ensuring a high ion exchange capacity. The SRSO is shipped in a 25L double layer bag, ensuring durability throughout transportation.

Designed for use in commercial and industrial water softening systems, SRSO provides protection for varied equipment including steam ovens, commercial boilers, and reverse osmosis systems. SRSO is also suitable for use in non-regenerable cartridges for protection of low volume humidification, medical equipment and food service machines, as well as being reusable by being simply regenerated using a brine solution.



FEATURES & BENEFITS

- SRSO resin has sphericity exceeding 95%
- Controlled particle size of 16 to plus 50 mesh range
- Specially treated to eliminate leaching of organic matter, ensuring FDA compliance

MATERIALS OF CONSTRUCTION

Resin Type: Styrene crosslinked with divinylbenzene
Resin Form: Gel-type, amber, spherical beads

ORDERING GUIDE

Code	Weight (kg)
SRSO-RESIN-25L	20

TECHNICAL DATA

Maximum Operating Temperature	120°C
Minimum Capacity (Eq/l)	1.9
Backwash Expansion (%)	50 - 75
Regeneration	Regenerants: NaCl Sodium Chloride
	Concentration %: 8 - 15
Functional Group	Sulfonic Acid
Ionic Form	Na ⁺
Physical Form (Spherical Beads) %	95
Uniformity Coefficient	1.6 Max
pH Range	0 - 14
Bead Size (mm)	Minimum: 0.42
	Maximum: 1.25
Maximum Moisture Content (%)	50
Colour Throw	25 APHA Max
Volume Change Ca ²⁺ → Na ⁺	2% Max