

Gel Type Strong Acid Cation Exchange Resin

**Basic Features:**

Application	Domestic and small industrial food grade softening
Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Sulphonic acid
Ionic form as shipped	Na <sup>+</sup>

**Typical Physical and Chemical Characteristics:**

Total Capacity (min.)	Na <sup>+</sup>	1.50 eq/l
Total Capacity (min.)	Na <sup>+</sup>	32.75 kGr/ft <sup>3</sup>
Moisture Retention	Na <sup>+</sup>	56-60 %
Mean Size Typical		0.60-0.85 mm
Uniformity Coefficient (max.)		1.70
Reversible Swelling (max.)	Ca <sub>2</sub> <sup>+</sup> → Na <sup>+</sup>	12 %
Specific Gravity		1.20 g/ml
Shipping Weight (approx.)		760-800 g/l
Shipping Weight (approx.)		47.5-50 lbs/ft <sup>3</sup>
Temp Limit	H <sup>+</sup>	120 °C
Temp Limit	H <sup>+</sup>	250 °F
Temp Limit	Na <sup>+</sup>	140 °C
Temp Limit	Na <sup>+</sup>	285 °F
pH Limits		0-14