

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 ⁺

Typical Physical and Chemical Characteristics:

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

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