

Gel Type Strong Acid Cation Exchange Resin

**Basic Features:**

Application	Demineralization - Mixed Beds - High Purity
Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Sulphonic acid
Ionic form as shipped	H <sup>+</sup>

**Typical Physical and Chemical Characteristics:**

Total Capacity (min.)	Na <sup>+</sup>	2 eq/l
Total Capacity (min.)	Na <sup>+</sup>	43.67 kGr/ft <sup>3</sup>
Moisture Retention	H <sup>+</sup>	51-55 %
Mean Size Typical		0.85-1.0 mm
Uniformity Coefficient (max.)		1.30
Reversible Swelling (max.)	Na <sup>+</sup> → H <sup>+</sup>	8 %
Specific Gravity		1.20 g/ml
Shipping Weight (approx.)		745-770 g/l
Shipping Weight (approx.)		46.6-48.1 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

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