

Gel Type Strong Acid Cation Exchange Resin

Basic Features:

Application	Dem mineralization - Mixed Beds
Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Sulphonic acid
Ionic form as shipped	H ⁺

Typical Physical and Chemical Characteristics:

Total Capacity (min.)	Na ⁺	2.20 eq/l
Total Capacity (min.)	Na ⁺	48.03 kGr/ft ³
Moisture Retention	H ⁺	47-50 %
Mean Size Typical		0.65-0.90 mm
Uniformity Coefficient (max.)		1.70
Reversible Swelling (max.)	Na ⁺ → H ⁺	6 %
Specific Gravity		1.22 g/ml
Shipping Weight (approx.)		770-805 g/l
Shipping Weight (approx.)		48.1-50.3 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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