

Macroporous Strong Acid Cation Exchange Resin

**Basic Features:**

Application	Demineralization - Counter Flow / Polishing - Uniformly Sized
Polymer Structure	Macroporous 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>	1.80 eq/l
Total Capacity (min.)	Na <sup>+</sup>	39.30 kGr/ft <sup>3</sup>
Moisture Retention	Na <sup>+</sup>	48-53 %
Mean Size Typical		0.52-0.62 mm
Uniformity Coefficient (max.)		1.20
Reversible Swelling (max.)	Na <sup>+</sup> → H <sup>+</sup>	4 %
Specific Gravity		1.25 g/ml
Shipping Weight (approx.)		775-800 g/l
Shipping Weight (approx.)		48.4-50 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

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