

Macroporous Weak Acid Cation Exchange Resin

Basic Features:

Application	Special Applications / Treatment of Aqueous Organic Solutions / Metal Fixation
Polymer Structure	Macroporous polymethacrylic crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Carboxylic Acid
Ionic form as shipped	Na ⁺

Typical Physical and Chemical Characteristics:

Total Capacity (min.)	H ⁺	2.70 eq/l
Total Capacity (min.)	H ⁺	59 kGr/ft ³
Moisture Retention	H ⁺	54-64 %
Mean Size Typical		0.60-0.85 mm
Uniformity Coefficient (max.)		1.70
Reversible Swelling (max.)	H ⁺ → Na ⁺	50 %
Reversible Swelling (max.)	H ⁺ → Ca ₂ ⁺	15 %
Specific Gravity		1.15 g/ml
Shipping Weight (approx.)		705-740 g/l
Shipping Weight (approx.)		44-47 lbs/ft ³
Temp Limit	H ⁺	120 °C
Temp Limit	H ⁺	250 °F
pH Limits		0-14
pH Limits	H ⁺	5-14 (Operating)