

Gel Type I Strong Base Anion Exchange Resin

Basic Features:

Application	Reversible Uptake of Large Organic Molecules - Narrow Size Grading
Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Type 1 Quaternary Ammonium
Ionic form as shipped	Cl ⁻

Typical Physical and Chemical Characteristics:

Total Capacity (min.)	Cl ⁻	0.80 eq/l
Total Capacity (min.)	Cl ⁻	17.47 kGr/ft ³
Moisture Retention	Cl ⁻	60-65 %
Mean Size Typical		0.60-0.70 mm
Uniformity Coefficient (max.)		1.20
Reversible Swelling (max.)	Cl ⁻ → OH ⁻	20 %
Specific Gravity		1.07 g/ml
Shipping Weight (approx.)		670-705 g/l
Shipping Weight (approx.)		42.2-44.1 lbs/ft ³
Temp Limit	OH ⁻	60 °C
Temp Limit	OH ⁻	140 °F
Temp Limit	Cl ⁻	100 °C
Temp Limit	Cl ⁻	212 °F
pH Limits		0-14 (Stability)
pH Limits	Cl ⁻	6-9 (Operating)