

Gel Type II Strong Base Anion Exchange Resin

**Basic Features:**

Application	Regeneration Efficient Demineralization - Narrow Size Grading
Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Type 2 Quaternary Ammonium
Ionic form as shipped	Cl <sup>-</sup>

**Typical Physical and Chemical Characteristics:**

Total Capacity (min.)	Cl <sup>-</sup>	1.40 eq/l
Total Capacity (min.)	Cl <sup>-</sup>	30.57 kGr/ft <sup>3</sup>
Moisture Retention	Cl <sup>-</sup>	40-45 %
Mean Size Typical		0.60-0.70 mm
Uniformity Coefficient (max.)		1.20
Reversible Swelling (max.)	Cl <sup>-</sup> → OH <sup>-</sup>	10 %
Specific Gravity		1.09 g/ml
Shipping Weight (approx.)		680-710 g/l
Shipping Weight (approx.)		42.5-44.4 lbs/ft <sup>3</sup>
Temp Limit	OH <sup>-</sup>	35 °C
Temp Limit	OH <sup>-</sup>	104 °F
Temp Limit	Cl <sup>-</sup>	85 °C
Temp Limit	Cl <sup>-</sup>	185 °F
pH Limits		0-14 (Stability)
pH Limits	OH <sup>-</sup>	1-10 (Operating)