

Super Gel Type I Strong Base Anion Exchange Resin

**Basic Features:**

Application	Condensate Polishing - Uniform Bead Size
Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Type 1 Quaternary Ammonium
Ionic form as shipped	OH <sup>-</sup>

**Typical Physical and Chemical Characteristics:**

Total Capacity (min.)	OH <sup>-</sup>	1.10 eq/l
Total Capacity (min.)	OH <sup>-</sup>	24.02 kGr/ft <sup>3</sup>
Moisture Retention	Cl <sup>-</sup>	43-48 %
Mean Size Typical		0.50-0.60 mm
Uniformity Coefficient (max.)		1.10
Reversible Swelling (max.)	Cl <sup>-</sup> → OH <sup>-</sup>	24 %
Specific Gravity		1.08 g/ml
Shipping Weight (approx.)		670-700 g/l
Shipping Weight (approx.)		41.9-43.8 lbs/ft <sup>3</sup>
Temp Limit	OH <sup>-</sup>	60 °C
Temp Limit	OH <sup>-</sup>	140 °F
Temp Limit	Cl <sup>-</sup>	100 °C
Temp Limit	Cl <sup>-</sup>	212 °F
pH Limits		0-14 (Stability)
pH Limits	OH <sup>-</sup>	1-10 (Operating)

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