

Purolite® A600

Gel Type 1 Strong Base Anion Exchange Resin

Purolite A600 is a clear gel Type I strong-base anion exchanger with both high operating capacity and the ability to achieve low residual silica levels. It has a clear gel structure, showing excellent regeneration efficiency and rinse characteristics. **Purolite A600** has exceptional physical stability for a conventional gel-type resin which permits a long life without the development of excessive pressure drop; it also shows good kinetics of exchange, enabling very low concentration levels of both strong and weak anions to be achieved at practical flowrates.

TYPICAL PHYSICAL AND CHEMICAL CHARACTERISTICS

BASIC FEATURES:

Application	Regeneration Efficient Demineralization/Silica Removal
Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Type 1 Quaternary Ammonium
Ionic Form as Shipped	Cl ⁻

PRODUCT INFORMATION:

Total Capacity (min.)	1.4 eq/l (30.6 Kg/ft ³) (Cl ⁻ form)
Moisture Retention, Cl⁻ Form	43 - 48 %
Particle Size Range	300 - 1200 µm
<300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.7
Reversible Swelling, Cl⁻ → OH⁻ (max.)	20 %
Specific Gravity	1.09
Shipping Weight (approx.)	685 - 720 g/l (42.8 - 45 lb/ft ³)
Temp Limit, Cl⁻ Form	100°C (212°F)
Temp Limit, OH⁻ Form	60°C (140°F)

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