

PRODUCT DATA SHEET

Purolite® A600E

Polystyrenic Gel, Type I Strong Base
Anion Resin, Chloride form, Potable
Water Grade

PRINCIPAL APPLICATIONS

- Demineralization - Industrial Water
- Silica Removal

ADVANTAGES

- High operating capacity
- Exceptional physical stability
- Good kinetic performance

REGULATORY APPROVALS

- Certified by the WQA to NSF/ANSI-61 Standard

TYPICAL PACKAGING

- 1 ft³ Sack
- 25 L Sack
- 5 ft³ Drum (Fiber)
- 1 m³ Supersack
- 42 ft³ Supersack

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type I Quaternary Ammonium
Ionic Form	Cl ⁻ form
Total Capacity	1.4 eq/L (30.6 Kgr/ft ³) (Cl ⁻ form)
Moisture Retention	43 - 48 % (Cl ⁻ form)
Particle Size Range	300 - 1200 µm
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.7
Reversible Swelling, Cl ⁻ → OH ⁻ (max.)	25 %
Shipping Weight (approx.)	685 - 720 g/L (42.8 - 45.0 lb/ft ³)
Temperature Limit	100 °C (212.0 °F) (Cl ⁻ form)
Temperature Limit	60 °C (140.0 °F) (OH ⁻ form)



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