

PRODUCT DATA SHEET

Purolite® A600E/9149

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



PRINCIPAL APPLICATIONS

- Hexavalent chromium ions removal
- Nitrate Removal
- Uranium Removal
- Sulfate Removal

ADVANTAGES

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

REGULATORY APPROVALS

- Compliant with FDA Regulation 21 CFR 173.25 for Food Treatment, Ion Exchangers
- Certified by the WQA to NSF/ANSI-61 Standard
- Water Regulations Advisory Scheme Approved

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	1.6 eq/L (35.0 Kgr/ft ³) (Cl ⁻ form)
Moisture Retention	42 - 45 % (Cl ⁻ form)
Mean Diameter	570 ± 50 µm
< 425 µm (max.)	1 %
Uniformity Coefficient (max.)	1.2
Specific Gravity	1.09
Shipping Weight (approx.)	675 - 710 g/L (42.2 - 44.4 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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