

Purolite® A300E

**Polystyrenic Gel Type II Strong Base
Anion Resin Chloride form**

FDA 21 CFR 173.25

Potable Water Grade

PRINCIPAL APPLICATIONS

- Demineralization - Industrial
- Alkalinity Removal
- Uranium Removal
- Nitrate Removal
- Sulfate Removal

TYPICAL PACKAGING

- 1 CF Sack
- 25 L Sack
- 5 CF Drum (Fiber)
- 1 M³ Supersack
- 42 CF Supersack

ADVANTAGES

- High Operating Capacity
- Efficient regeneration

REGULATORY APPROVALS

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

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Type II Quaternary Ammonium
Ionic Form	Cl
Total Capacity	1.4 eq/L (30.6 Kgr/ft³) (Cl form)
Moisture Retention	40 - 45 %
Particle Size Range	300 - 1200 µm
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.7
Reversible Swelling, Cl OH (max.)	10 %
Specific Gravity	1.09
Shipping Weight (approx.)	685 - 720 g/L (42.8 - 45.0 lb/ft³)
Temperature Limit	85 °C (185.0 °F) (Cl form)
Temperature Limit	35 °C (95.0 °F) (OH form)



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