

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

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 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 II Quaternary Ammonium
Ionic Form	Cl ⁻ form
Total Capacity	1.4 eq/L (30.6 Kgr/ft³) (Cl ⁻ form)
Moisture Retention	40 - 45 % (Cl ⁻ form)
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)



Americas
T +1 610 668 9090
F +1 610 668 8139
americas@purolite.com

Europe
T +44 1443 229334
F +44 1443 227073
europe@purolite.com

Asia Pacific
T +86 571 876 31382
F +86 571 876 31385
asiapacific@purolite.com