

PRODUCT DATA SHEET

Purolite® A400TL

Polystyrenic Gel, Type I Strong Base
Anion Resin, Chloride form, Trilite
Mixed Bed System

PRINCIPAL APPLICATIONS

- Demineralization - Industrial Water
- Silica Removal

ADVANTAGES

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

SYSTEMS

- Trilite Systems
- Resin transfer
- Polishing Mixed Bed

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 ⁻
Total Capacity	1.3 eq/L (28.4 Kgr/ft ³) (Cl ⁻ form)
Moisture Retention	48 - 54 % (Cl ⁻ form)
Particle Size Range	425 - 850 µm
< 425 µm (max.)	1 %
Uniformity Coefficient (max.)	1.35
Reversible Swelling, Cl ⁻ → OH ⁻ (max.)	30 %
Shipping Weight (approx.)	670 - 690 g/L (41.9 - 43.1 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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