

## PRODUCT DATA SHEET

# Purolite® A400TLSO4

Polystyrenic Gel, Type I Strong Base  
Anion Resin, Sulfate 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
- Layered Beds
- Working Mixed Bed
- 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	SO <sub>4</sub> <sup>2-</sup>
Total Capacity	1.3 eq/L (28.4 Kgr/ft³) (Cl <sup>-</sup> form)
Moisture Retention	48 - 54 % (Cl <sup>-</sup> form)
Particle Size Range	425 - 850 µm
< 425 µm (max.)	1 %
Uniformity Coefficient (max.)	1.35
Reversible Swelling, Cl <sup>-</sup> → OH <sup>-</sup> (max.)	30 %
Specific Gravity	1.1
Shipping Weight (approx.)	680 - 705 g/L (42.5 - 44.1 lb/ft³)
Temperature Limit	100 °C (212.0 °F) (Cl <sup>-</sup> form)
Temperature Limit	60 °C (140.0 °F) (OH <sup>-</sup> form)



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