

Purolite® A400

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

PRINCIPAL APPLICATIONS

- Demineralization - Industrial
- Silica 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
- Good kinetic performance

REGULATORY APPROVALS

- IFANCA Halal Certified
- Kosher Certified

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/ft³) (Cl form)
Moisture Retention	48 - 54 % (Cl form)
Particle Size Range	300 - 1200 µm
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.7
Reversible Swelling, Cl OH (max.)	20 %
Specific Gravity	1.08
Shipping Weight (approx.)	680 - 715 g/L (42.5 - 44.7 lb/ft³)
Temperature Limit	100 °C (212.0 °F) (Cl form)
Temperature Limit	60 °C (140.0 °F) (OH form)



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