

PRODUCT DATA SHEET

Purolite® A501P

Polystyrenic Macroporous, Type I
Strong Base Anion Resin, Chloride
form

PRINCIPAL APPLICATIONS

- Removal of colloids

ADVANTAGES

- High operating capacity
- Efficient regeneration
- High mechanical strength
- Very High Porosity

REGULATORY APPROVALS

- IFANCA Halal Certified

TYPICAL PACKAGING

- 1 ft³ Sack
- 25 L Sack
- 5 ft³ Drum (Fiber)
- 1 m³ Supersack
- 42 ft³ Supersack

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type I Quaternary Ammonium
Ionic Form	Cl ⁻ form
Total Capacity	0.5 eq/L (10.9 Kgr/ft ³) (Cl ⁻ form)
Moisture Retention	70 - 75 % (Cl ⁻ form)
Particle Size Range	425 - 1200 µm
< 425 µm (max.)	5 %
Uniformity Coefficient (max.)	1.7
Shipping Weight (approx.)	590 - 610 g/L (36.9 - 38.1 lb/ft ³)
Temperature Limit	100 °C (212.0 °F) (Cl ⁻ form)
Temperature Limit	60 °C (140.0 °F) (OH ⁻ form)
Average Breaking Weight	40 g



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