PRODUCT DATA SHEET

Purolite®
A502PSFL

Polystyrenic Macroporous, Type I Strong Base Anion Resin, Chloride form, Packed Bed Grade, Sugar Grade

PRINCIPAL APPLICATIONS

- Decolorization - Sugar Solutions

ADVANTAGES

- Good thermal stability
- Excellent resistance to osmotic shock

LENNTECH
WATER TREATMENT SOLUTIONS

REGULATORY APPROVALS

- Kosher Certified
- 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	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type I Quaternary Ammonium
Ionic Form	Cl^- form
Total Capacity (min.)	0.85 eq/L (18.6 Kgr/ft³) (Cl^- form)
Moisture Retention	66 - 72 % (Cl^- form)
Particle Size Range	500 - 1000 µm
< 500 µm (max.)	1 %
Uniformity Coefficient (max.)	1.45
Reversible Swelling, $Cl^- \rightarrow OH^-$ (max.)	25 %
Specific Gravity	1.04
Shipping Weight (approx.)	640 - 690 g/L (40.0 - 43.1 lb/ft³)
Temperature Limit	100 °C (212.0 °F) (Cl^- form)
Temperature Limit	60 °C (140.0 °F) (OH^- form)

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