PRODUCT DATA SHEET

Purofine®
PFA502PS

Polystyrenic Macroporous, Type I Strong Base Anion Resin, Chloride form, Uniform Particle Size, Sugar Grade

PRINCIPAL APPLICATIONS

- Decolorization - Sugar Solutions
- Organic Matter Removal

ADVANTAGES

- Efficient regeneration
- Uniform particle size
- Good resistance to organic fouling
- High operating capacity

LENNTECH
WATER TREATMENT SOLUTIONS

REGULATORY APPROVALS

- Kosher Certified
- Certified by the WQA to NSF/ANSI-61 Standard
- IFANCA Halal Certified
- LPPOM MUI 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	0.85 eq/L (18.6 Kgr/ft³) (Cl^- form)
Moisture Retention	66 - 72 % (Cl^- form)
Mean Diameter	570 ± 50 µm
Uniformity Coefficient	1.1 - 1.2
Reversible Swelling, $Cl^- \rightarrow OH^-$ (max.)	15 %
Specific Gravity	1.08
Shipping Weight (approx.)	640 - 690 g/L (40.0 - 43.1 lb/ft³)
Temperature Limit	100 °C (212.0 °F) (Cl^- form)

Purolite®

LENNTECH
info@lenntech.com Tel. +31-152-610-900
www.lenntech.com Fax. +31-152-616-289