

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
- Natural-Organic-Matter-(NOM)-
Removal

ADVANTAGES

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

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/ft ³) (Cl ⁻ form)
Moisture Retention	66 - 72 % (Cl ⁻ form)
Mean Diameter	570 ± 50 µm
Uniformity Coefficient	1.1 - 1.2
Reversible Swelling, Cl ⁻ → OH ⁻ (max.)	15 %
Specific Gravity	1.08
Shipping Weight (approx.)	640 - 690 g/L (40.0 - 43.1 lb/ft ³)
Temperature Limit	100 °C (212.0 °F) (Cl ⁻ form)



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