

PRODUCT DATA SHEET

Purolite® A510SMBPlus

Polystyrenic Macroporous, Type II
Strong Base Anion Resin, Chloride
form, Mixed Bed Grade



PRINCIPAL APPLICATIONS

- Deashing - Sugar
- Decolorization - Sugar Solutions
- Mixed Bed anion component

ADVANTAGES

- Efficient regeneration

SYSTEMS

- Mixed Bed

REGULATORY APPROVALS

- Kosher Certified
- 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 II Quaternary Ammonium
Ionic Form	Cl ⁻ form
Total Capacity	1.15 eq/L (25.1 Kgr/ft ³) (Cl ⁻ form)
Moisture Retention	48 - 56 % (Cl ⁻ form)
Particle Size Range	425 - 850 µm
< 425 µm (max.)	4 %
Uniformity Coefficient (max.)	1.4
Reversible Swelling, Cl ⁻ → OH ⁻ (max.)	15 %
Specific Gravity	1.08
Shipping Weight (approx.)	680 - 715 g/L (42.5 - 44.7 lb/ft ³)
Temperature Limit	100 °C (212.0 °F) (Cl ⁻ form)
Temperature Limit	35 °C (95.0 °F) (OH ⁻ form)



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