

PRODUCT DATA SHEET

Purolite® XFA5000

Polystyrenic Macroporous, Type I
Strong Base Anion Resin, Chloride
form, Fine Mesh Grade

PRINCIPAL APPLICATIONS

- Demineralization - SBA Component
- Acid Retardation
- Special applications

ADVANTAGES

- Better kinetic performance
- Efficient rinse profile

SYSTEMS

- Compressed Bed Depth System

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	1.15 eq/L (25.1 Kgr/ft³) (Cl ⁻ form)
Moisture Retention	57 - 63 % (Cl ⁻ form)
Particle Size Range	150 - 425 µm
< 150 µm (max.)	1 %
Reversible Swelling, Cl ⁻ → OH ⁻ (max.)	20 %
Specific Gravity	1.08
Shipping Weight (approx.)	665 - 690 g/L (41.6 - 43.1 lb/ft³)
Temperature Limit	100 °C (212.0 °F) (Cl ⁻ form)
Temperature Limit	65 °C (149.0 °F) (OH ⁻ form)



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