

## PRODUCT DATA SHEET

# Purolite® XFA8000

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

## PRINCIPAL APPLICATIONS

- Demineralization - SBA Component
- Boron Removal
- Anion Removal
- Arsenic Removal

## ADVANTAGES

- Better kinetic performance
- Efficient rinse profile

## SYSTEMS

- Compressed Bed Depth System

## TYPICAL PACKAGING

- 1 ft<sup>3</sup> Sack
- 25 L Sack
- 5 ft<sup>3</sup> Drum (Fiber)
- 1 m<sup>3</sup> Supersack
- 42 ft<sup>3</sup> Supersack

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type I Quaternary Ammonium
Ionic Form	Cl <sup>-</sup> form
Total Capacity	1.4 eq/L (30.6 Kgr/ft <sup>3</sup> ) (Cl <sup>-</sup> form)
Moisture Retention	40 - 45 %
Particle Size Range	150 - 350 µm
< 150 µm (max.)	10 %
Reversible Swelling, Cl <sup>-</sup> → OH <sup>-</sup> (max.)	20 %
Specific Gravity	1.09 (Cl <sup>-</sup> form)
Shipping Weight (approx.)	650 - 700 g/L
Temperature Limit	100 °C (212.0 °F) (Cl <sup>-</sup> form)



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