

PRODUCT DATA SHEET

Purolite® XFC1000H

Polystyrenic Gel, Strong Acid Cation
Resin, Hydrogen form, Fine Mesh
Grade

PRINCIPAL APPLICATIONS

- Cation Removal
- Demineralization - SAC Component

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	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Sulfonic Acid
Ionic Form	H ⁺ form
Total Capacity	2.0 eq/L (43.7 Kgr/ft ³) (Na ⁺ form)
Moisture Retention	51 - 55 % (H ⁺ form)
Particle Size Range	150 - 300 µm
< 150 µm (max.)	2 %
Specific Gravity	1.2 (H ⁺ form)
Shipping Weight (approx.)	770 - 790 g/L (48.1 - 49.4 lb/ft ³)
Temperature Limit	120 °C (248.0 °F)



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