

PRODUCT DATA SHEET

Purolite® XFC1000

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

PRINCIPAL APPLICATIONS

- Demineralization - SAC Component
- Cation Removal
- Softening - High TDS water

ADVANTAGES

- Better kinetic performance
- Efficient rinse profile

SYSTEMS

- Compressed Bed Depth System

TYPICAL PACKAGING

- 1 m³ Supersack
- 42 ft³ Supersack
- Bulk Tanker (NA only)

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WATER TREATMENT SOLUTIONS

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Sulfonic Acid
Ionic Form	Na ⁺ form
Total Capacity	2.0 eq/L (43.7 Kgr/ft ³) (Na ⁺ form)
Moisture Retention	44 - 48 % (Na ⁺ form)
Particle Size Range	150 - 300 µm
Specific Gravity	1.29 (Na ⁺ form)
Shipping Weight (approx.)	810 - 830 g/L (50.6 - 51.9 lb/ft ³)
Temperature Limit	120 °C (248.0 °F) (H ⁺ form)
Temperature Limit	140 °C (284.0 °F) (Na ⁺ form)



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