

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)

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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