

Purolite® XFC1600

Polystyrenic Macroporous, Strong
Acid Cation Resin, Sodium form,
High Capacity, 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 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	Sulfonic Acid
Ionic Form	Na ⁺ form
Total Capacity	2.3 eq/L (50.3 Kgr/ft³) (Na ⁺ form)
Moisture Retention	35 - 40 % (Na ⁺ form)
Particle Size Range	150 - 300 µm
< 150 µm (max.)	2 %
Reversible Swelling, Na ⁺ → H ⁺ (max.)	4 %
Specific Gravity	1.3
Shipping Weight (approx.)	820 - 860 g/L (51.2 - 53.8 lb/ft³)
Temperature Limit	120 °C (248.0 °F)



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