

Purolite® C100TL

Polystyrenic Gel, Strong Acid Cation Resin, Sodium form, Trilite Mixed Bed System

PRINCIPAL APPLICATIONS

- Demineralization - Industrial Water

SYSTEMS

- Trilite Systems

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	Na ⁺ form
Total Capacity	2 eq/L (43.7 Kgr/ft³) (Na ⁺ form)
Moisture Retention	44 - 48 % (Na ⁺ form)
Particle Size Range	710 - 1200 µm
< 710 µm (max.)	1 %
Uniformity Coefficient (max.)	1.3
Reversible Swelling, Na ⁺ → H ⁺ (max.)	9 %
Specific Gravity	1.29
Shipping Weight (approx.)	795 - 820 g/L (49.7 - 51.2 lb/ft³)
Temperature Limit	120 °C (248.0 °F)



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