

Purolite® C100x10TLH

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

PRINCIPAL APPLICATIONS

- Demineralization - Mixed Bed

SYSTEMS

- Trilite Systems
- Working Mixed Bed
- Polishing Mixed Bed

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 (min.)	2.2 eq/L (48.1 Kgr/ft ³) (Na ⁺ form)
Moisture Retention	47 - 50 % (H ⁺ form)
Particle Size Range	710 - 1200 µm
< 710 µm (max.)	1 %
Uniformity Coefficient (max.)	1.3
Reversible Swelling, Na ⁺ → H ⁺ (max.)	8 %
Specific Gravity	1.22
Shipping Weight (approx.)	750 - 790 g/L (46.9 - 49.4 lb/ft ³)
Temperature Limit	120 °C (248.0 °F)



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