

Purolite® C100TLH

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

PRINCIPAL APPLICATIONS

- Demineralization - Industrial Water

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 | 2 eq/L (43.7 Kgr/ft ³) (Na ⁺ form) |
| Moisture Retention | 51 - 55 % (H ⁺ form) |
| Particle Size Range | 710 - 1200 µm |
| < 710 µm (max.) | 1 % |
| Uniformity Coefficient (max.) | 1.3 |
| Reversible Swelling, Na ⁺ → H ⁺ (max.) | 9 % |
| Specific Gravity | 1.2 |
| Shipping Weight (approx.) | 745 - 770 g/L (46.6 - 48.1 lb/ft ³) |
| Temperature Limit | 120 °C (248.0 °F) |



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