PRODUCT DATA SHEET

Purolite®
C150TLH

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

PRINCIPAL APPLICATIONS

- Demineralization

ADVANTAGES

- Excellent resistance to osmotic and thermal shock
- Excellent kinetics

SYSTEMS

- Trilite Systems

TYPICAL PACKAGING

- 1 ft³ Sack
- 25 L Sack
- 5 ft³ Drum (Fiber)
- 1 m³ Supersack
- 42 ft³ Supersack

LENNTECH
WATER TREATMENT SOLUTIONS

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Sulfonic Acid
Ionic Form	H^+ form
Total Capacity	1.8 eq/L (39.3 Kgr/ft³) (Na^+ form)
Moisture Retention	54 - 59 % (H^+ form)
Particle Size Range	710 - 1200 µm
< 710 µm (max.)	1 %
Uniformity Coefficient (max.)	1.3
Reversible Swelling, $Na^+ \rightarrow H^+$ (max.)	4 %
Specific Gravity	1.18
Shipping Weight (approx.)	740 - 765 g/L (46.2 - 47.8 lb/ft³)
Temperature Limit	120 °C (248.0 °F) (H^+ form)
Temperature Limit	140 °C (284.0 °F) (Na^+ form)

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