

PRODUCT DATA SHEET

Purolite® C150TL

Polystyrenic Macroporous, Strong
Acid Cation Resin, Sodium 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

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Sulfonic Acid
Ionic Form	Na ⁺ form
Total Capacity	1.8 eq/L (39.3 Kgr/ft ³) (Na ⁺ form)
Moisture Retention	48 - 53 % (Na ⁺ form)
Particle Size Range	710 - 1200 µm
< 710 µm (max.)	1 %
Uniformity Coefficient (max.)	1.3
Reversible Swelling, Na ⁺ → H ⁺ (max.)	4 %
Specific Gravity	1.25
Shipping Weight (approx.)	775 - 800 g/L (48.4 - 50.0 lb/ft ³)
Temperature Limit	120 °C (248.0 °F) (H ⁺ form)
Temperature Limit	140 °C (284.0 °F) (Na ⁺ form)



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