

## PRODUCT DATA SHEET

# Purolite® C150TLH

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

## PRINCIPAL APPLICATIONS

- Demineralization
- Condensate Polishing

## ADVANTAGES

- Excellent resistance to osmotic and thermal shock
- Excellent kinetics

## SYSTEMS

- Trilite Systems
- Working Mixed Bed

## TYPICAL PACKAGING

- 1 ft<sup>3</sup> Sack
- 25 L Sack
- 5 ft<sup>3</sup> Drum (Fiber)
- 1 m<sup>3</sup> Supersack
- 42 ft<sup>3</sup> Supersack

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Sulfonic Acid
Ionic Form	H <sup>+</sup> form
Total Capacity	1.8 eq/L (39.3 Kgr/ft <sup>3</sup> ) (Na <sup>+</sup> form)
Moisture Retention	54 - 59 % (H <sup>+</sup> form)
Particle Size Range	710 - 1200 µm
< 710 µm (max.)	1 %
Uniformity Coefficient (max.)	1.3
Reversible Swelling, Na <sup>+</sup> → H <sup>+</sup> (max.)	7 %
Specific Gravity	1.18
Shipping Weight (approx.)	740 - 765 g/L (46.2 - 47.8 lb/ft <sup>3</sup> )
Temperature Limit	120 °C (248.0 °F) (H <sup>+</sup> form)
Temperature Limit	140 °C (284.0 °F) (Na <sup>+</sup> form)



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