

# Purolite® C150H

**Polystyrenic Macroporous Strong  
Acid Cation Resin Hydrogen form**

## PRINCIPAL APPLICATIONS

- Demineralization - Industrial

## TYPICAL PACKAGING

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

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Sulfonic Acid
Ionic Form	H <sup>+</sup>
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	300 - 1200 µm
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.7
Reversible Swelling, Na <sup>+</sup> → H <sup>+</sup> (max.)	4 %
Specific Gravity	1.18
Shipping Weight (approx.)	740 - 775 g/L (46.2 - 48.4 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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