

## PRODUCT DATA SHEET

# Purolite® C100DLH

Polystyrenic Gel, Strong Acid Cation Resin, Hydrogen form, Layered Bed grade

## PRINCIPAL APPLICATIONS

- Softening - Industrial

## ADVANTAGES

- Excellent physical and chemical stability
- High linear velocity applications
- Lower pressure drop versus standard resin

## SYSTEMS

- Layered Beds

## 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	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Sulfonic Acid
Ionic Form	H <sup>+</sup> form
Total Capacity	2.0 eq/L (43.7 Kgr/ft <sup>3</sup> ) (Na <sup>+</sup> form)
Moisture Retention	51 - 55 % (H <sup>+</sup> form)
Particle Size Range	630 - 1200 µm
< 630 µm (max.)	5 %
Uniformity Coefficient (max.)	1.4
Reversible Swelling, Na <sup>+</sup> → H <sup>+</sup> (max.)	9 %
Specific Gravity	1.2
Shipping Weight (approx.)	755 - 780 g/L (47.2 - 48.8 lb/ft <sup>3</sup> )
Temperature Limit	120 °C (248.0 °F)



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