

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

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

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



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