

PRODUCT DATA SHEET

Purolite® C100x10DLH

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

PRINCIPAL APPLICATIONS

- Demineralization - Industrial

ADVANTAGES

- Excellent physical and chemical stability
- Good kinetic performance
- Good osmotic shock resistance
- Low extractables

LENNTECH
WATER TREATMENT SOLUTIONS

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 ⁺
Total Capacity	2.2 eq/L (48.1 Kgr/ft ³) (Na ⁺ form)
Moisture Retention	47 - 50 % (H ⁺ form)
Particle Size Range	630 - 1200 µm
< 630 µm (max.)	5 %
Uniformity Coefficient (max.)	1.4
Reversible Swelling, Na ⁺ → H ⁺ (max.)	6 %
Specific Gravity	1.22
Shipping Weight (approx.)	770 - 810 g/L (48.1 - 50.6 lb/ft ³)
Temperature Limit	120 °C (248.0 °F)



LENNTECH

info@lennotech.com Tel. +31-152-610-900
www.lennotech.com Fax. +31-152-616-289