

PRODUCT DATA SHEET

Purolite® C120E

Polystyrenic Gel, Strong Acid Cation
Resin, Sodium form, Potable Water
Grade

PRINCIPAL APPLICATIONS

- Softening - Potable Water
- Food and beverage processing

ADVANTAGES

- Efficient regeneration
- Good kinetic performance
- Low extractables

LENNTECH
WATER TREATMENT SOLUTIONS

REGULATORY APPROVALS

- Kosher Certified

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	Na ⁺ form
Total Capacity	1.5 eq/L (32.8 Kgr/ft ³) (Na ⁺ form)
Moisture Retention	56 - 60 % (Na ⁺ form)
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.7
Reversible Swelling, Ca ²⁺ → Na ⁺ (max.)	12 %
Specific Gravity	1.22
Shipping Weight (approx.)	770 - 805 g/L (48.1 - 50.3 lb/ft ³)
Temperature Limit	120 °C (248.0 °F)



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