

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

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 (min.)	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)

Ecolab is a global developer, manufacturer, and supplier of Purolite™ Resins including ion exchange, catalyst adsorbent and advanced polymers that make the world cleaner and healthier.

www.puoliteresins.com



We're ready to solve your process challenges.

For further information on products and services, visit www.puoliteresins.com or complete a Contact Us form via PuoliteResins.com/contact-us or use the QR code.

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