

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)

demokris.com
021-91030608



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Americas Purolite 2201 Renaissance Blvd. King of Prussia, PA 19406 T +1 800 343 1500 T +1 610 668 9090 F +1 800 260 1065 americas@purolite.com	EMEA Purolite Ltd. Unit D Llantrisant Business Park Llantrisant, Wales, UK CF72 8LF T +44 1443 229334 F +44 1443 227073 emea@purolite.com	FSU Purolite Ltd. Office 6-1 36 Lyusinovskaya Str. Moscow, Russia 115093 T +7 495 363 5056 F +7 495 564 8121 fsu@purolite.com	Asia Pacific Purolite China Co. Ltd. Room 707, C Section Huanglong Century Plaza No.3 Hangda Road Hangzhou, Zhejiang, China 310007 T +86 571 876 31382 F +86 571 876 31385 asiapacific@purolite.com
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