

PRODUCT DATA SHEET

Purolite™ C100EFM

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

PRINCIPAL APPLICATIONS

- Softening - Potable Water
- Food and beverage processing
- Softening - Industrial

ADVANTAGES

- High operating capacity
- Superior regeneration
- Lower rinse volumes
- Superior kinetic performance
- Low extractables

SYSTEMS

- Coflow regenerated systems

REGULATORY APPROVALS

- Certified by the WQA to NSF/ANSI-61 Standard

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.)	1.9 eq/L (41.5 Kgr/ft ³) (Na ⁺ form)
Moisture Retention	45 - 50 % (Na ⁺ form)
Particle Size Range	210 - 600 µm
< 210 µm (max.)	1 %
Uniformity Coefficient (max.)	1.6
Reversible Swelling, Na ⁺ → H ⁺ (max.)	10 %
Reversible Swelling, Ca ²⁺ → Na ⁺ (max.)	8 %
Specific Gravity	1.27
Shipping Weight (approx.)	790 - 825 g/L (49.4 - 51.6 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.puroliteresins.com



We're ready to solve your process challenges.

For further information on products and services, visit www.puroliteresins.com or contact us at the addresses below.

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