

Purolite® C100x10EMB

Polystyrenic Gel, Strong Acid Cation Resin, Sodium form, Mixed Bed Grade

PRINCIPAL APPLICATIONS

- Mixed Bed cation component
- Demineralization - Potable Water

ADVANTAGES

- Efficient separation
- Higher selectivity for sodium than standard resins
- Superior resistance to oxidation
- Excellent physical and chemical stability
- High operating capacity

SYSTEMS

- Mixed bed demineralizer

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	2.2 eq/L (48.1 Kgr/ft ³) (Na ⁺ form)
Moisture Retention	40 - 43 % (Na ⁺ form)
< 425 µm (max.)	2 %
Uniformity Coefficient (max.)	1.6
Reversible Swelling, Na ⁺ → H ⁺ (max.)	6 %
Specific Gravity	1.3
Shipping Weight (approx.)	820 - 860 g/L (51.2 - 53.8 lb/ft ³)
Temperature Limit	120 °C (248.0 °F)



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