

Purolite® C100x10

Polystyrenic Gel Strong Acid Cation
Resin Sodium form

PRINCIPAL APPLICATIONS

- Softening - Industrial
- Industrial demineralization when regenerated with acids

ADVANTAGES

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

SYSTEMS

- Coflow regenerated systems
- Conventional counterflow systems

REGULATORY APPROVALS

- IFANCA Halal Certified
- 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/ft³) (Na ⁺ form)
Moisture Retention	40 - 43 % (Na ⁺ form)
Particle Size Range	300 - 1200 µm
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.7
Reversible Swelling, Na ⁺ → H ⁺ (max.)	6 %
Specific Gravity	1.3
Shipping Weight (approx.)	820 - 860 g/L (51.2 - 53.8 lb/ft³)
Temperature Limit	120 °C (248.0 °F)



Americas
T +1 610 668 9090
F +1 610 668 8139
americas@purolite.com

Europe
T +44 1443 229334
F +44 1443 227073
europe@purolite.com

Asia Pacific
T +86 571 876 31382
F +86 571 876 31385
asiapacific@purolite.com