

Purolite® C100X10

**Polystyrenic Gel Strong Acid Cation
Resin Sodium form**

PRINCIPAL APPLICATIONS

- Softening - Industrial
- Industrial demineralization when regenerated with acids

TYPICAL PACKAGING

- 1 CF Sack
- 25 L Sack
- 5 CF Drum (Fiber)
- 1 M³ Supersack
- 42 CF Supersack

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 PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Sulfonic Acid
Ionic Form	Na
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