

Purolite® C100

Polystyrenic Gel, Strong Acid Cation Resin, Sodium form

PRINCIPAL APPLICATIONS

- Softening - Industrial
- Industrial demineralization when regenerated with acids

ADVANTAGES

- High operating capacity
- Good kinetic performance
- Excellent physical and chemical stability

SYSTEMS

- Coflow regenerated systems
- Conventional counterflow systems

REGULATORY APPROVALS

- IFANCA Halal Certified
- Kosher Certified
- 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
- Bulk Tanker (North America only)

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 eq/L (43.7 Kgr/ft³) (Na ⁺ form) |
| Moisture Retention | 44 - 48 % (Na ⁺ form) |
| Particle Size Range | 300 - 1200 µm |
| < 300 µm (max.) | 1 % |
| Uniformity Coefficient (max.) | 1.7 |
| Reversible Swelling, Na ⁺ → H ⁺ (max.) | 8 % |
| Specific Gravity | 1.29 |
| Shipping Weight (approx.) | 800 - 840 g/L (50.0 - 52.5 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