

Purolite® C100H

Polystyrenic Gel Strong Acid
Cation Resin Hydrogen form

PRINCIPAL APPLICATIONS

- Demineralization - Industrial

ADVANTAGES

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

SYSTEMS

- Coflow regenerated systems
- Conventional counterflow systems

TYPICAL PACKAGING

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

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Sulfonic Acid
Ionic Form	H ⁺
Total Capacity	2 eq/L (43.7 Kgr/ft ³) (Na ⁺ form)
Moisture Retention	50 - 55 % (H ⁺ form)
Particle Size Range	300 - 1200 µm
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.7
Reversible Swelling, Na ⁺ → H ⁺ (max.)	8 %
Specific Gravity	1.2
Shipping Weight (approx.)	745 - 785 g/L (46.6 - 49.1 lb/ft ³)
Temperature Limit	120 °C (248.0 °F)



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