

Purolite® C100NH4

Polystyrenic Gel Strong Acid Cation
Resin Ammonium form

PRINCIPAL APPLICATIONS

- Softening - Industrial
- Condensate Polishing

TYPICAL PACKAGING

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

ADVANTAGES

- High operating capacity
- Excellent physical and chemical stability
- Very good kinetics

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Sulfonic Acid
Ionic Form	NH
Total Capacity	1.9 eq/L (41.5 Kgr/ft ³) (Na form)
Moisture Retention	42 - 49 % (NH form)
Particle Size Range	300 - 1200 µm
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.7
Reversible Swelling, Na H (max.)	10 %
Impurities Iron (max.)	20 ppm
Impurities Sodium (max.)	40 ppm
Impurities Heavy Metals (max.)	40 ppm
Temperature Limit	120 °C (248.0 °F)



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