

PRODUCT DATA SHEET

Purolite® C104Plus

Polyacrylic Porous, Weak Acid
Cation Resin, Hydrogen form

PRINCIPAL APPLICATIONS

- Dealkalization
- Deionization
- Softening

ADVANTAGES

- Good rates of exchange
- High operating capacity

TYPICAL PACKAGING

- 1 ft³ Sack
- 25 L Sack
- 5 ft³ Drum (Fiber)
- 1 m³ Supersack
- 42 ft³ Supersack

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Porous crosslinked polyacrylic acid
Appearance	Spherical Beads
Functional Group	Carboxylic Acid
Ionic Form	H ⁺ form
Total Capacity	4.7 eq/L (102.7 Kgr/ft ³) (H ⁺ form)
Moisture Retention	45 - 55 % (H ⁺ form)
Particle Size Range	300 - 1600 µm
< 300 µm (max.)	1 %
Reversible Swelling, H ⁺ → Ca ²⁺ (max.)	20 %
Reversible Swelling, H ⁺ → Ca ²⁺ (operating)	7% (approximately)
Reversible Swelling, H ⁺ → Na ⁺ (max.)	60 %
Specific Gravity	1.19
Shipping Weight (approx.)	740 - 780 g/L (46.2 - 48.8 lb/ft ³)
Temperature Limit	120 °C (248.0 °F)



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