

PRODUCT DATA SHEET

Purolite® C106E

Polyacrylic Macroporous, Weak Acid
Cation Resin, Hydrogen form

PRINCIPAL APPLICATIONS

- Special applications
- Dealkalization
- Food processing
- Treatment of aqueous organic solutions
- Metal fixation

REGULATORY APPROVALS

- IFANCA Halal Certified

TYPICAL PACKAGING

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

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polyacrylic crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Carboxylic Acid
Ionic Form	H ⁺ form
Total Capacity	2.7 eq/L (59.0 Kgr/ft ³) (H ⁺ form)
Moisture Retention	54 - 64 % (H ⁺ form)
Particle Size Range	300 - 1200 µm
< 300 µm (max.)	1 %
Reversible Swelling, H ⁺ → Ca ²⁺ (max.)	20 %
Reversible Swelling, H ⁺ → Na ⁺ (max.)	100 %
Specific Gravity	1.14
Shipping Weight (approx.)	710 - 750 g/L (44.4 - 46.9 lb/ft ³)
Temperature Limit	120 °C (248.0 °F)



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