

PRODUCT DATA SHEET

Purolite® C115

Polymethacrylic Porous, Weak Acid
Cation Resin, Hydrogen form

PRINCIPAL APPLICATIONS

- Dealkalization
- Temporary hardness removal

REGULATORY APPROVALS

- IFANCA Halal Certified
- Kosher 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	Porous crosslinked polymethacrylic
Appearance	Spherical Beads
Functional Group	Carboxylic Acid
Ionic Form	H ⁺ form
Total Capacity	3.5 eq/L (76.5 Kgr/ft ³) (H ⁺ form)
Moisture Retention	46 - 53 % (H ⁺ form)
Particle Size Range	300 - 1600 µm
< 300 µm (max.)	1 %
Reversible Swelling, H ⁺ → Ca ²⁺ (max.)	40 %
Reversible Swelling, H ⁺ → Na ⁺ (max.)	100 %
Specific Gravity	1.1
Shipping Weight (approx.)	660 - 705 g/L (41.2 - 44.1 lb/ft ³)
Temperature Limit	100 °C (212.0 °F)



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