

Purolite®

C104E/5264

Polyacrylic Porous, Weak Acid
Cation Resin, Hydrogen form,
Sodium form, Potable Water Grade

PRINCIPAL APPLICATIONS

- Softening - Potable Water

ADVANTAGES

- Near neutral pH of treated water
- High operating capacity

REGULATORY APPROVALS

- Certified by the WQA to NSF/ANSI-61 Standard
- Water Regulations Advisory Scheme Approved

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 ⁺ /Na ⁺
Total Capacity	4.6 eq/L (100.5 Kgr/ft³) (H ⁺ form)
Moisture Retention	45 - 55 % (H ⁺ form)
Particle Size Range	300 - 1200 µm
< 300 µm (max.)	0.5 %
Reversible Swelling, H ⁺ → Ca ²⁺ (max.)	20 %
Reversible Swelling, H ⁺ → Ca ²⁺ (operating)	7 %
Reversible Swelling, H ⁺ → Na ⁺ (max.)	60 %
Specific Gravity	1.19
Shipping Weight (approx.)	740 - 780 g/L (46.2 - 48.8 lb/ft³)
Temperature Limit	120 °C (248.0 °F)



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