

## PRODUCT DATA SHEET

# Purolite® C104EPlus

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

## PRINCIPAL APPLICATIONS

- Dealkalization
- Deionization
- Softening

## ADVANTAGES

- High chemical efficiency
- Excellent uptake of alkaline earth metals
- High operating capacity

## SYSTEMS

- Potable Water

## REGULATORY APPROVALS

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

## TYPICAL PACKAGING

- 1 ft<sup>3</sup> Sack
- 25 L Sack
- 5 ft<sup>3</sup> Drum (Fiber)
- 1 m<sup>3</sup> Supersack
- 42 ft<sup>3</sup> Supersack

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Porous crosslinked polyacrylic acid
Appearance	Spherical Beads
Functional Group	Carboxylic Acid
Ionic Form	H <sup>+</sup> form
Total Capacity	4.5 eq/L (98.3 Kgr/ft <sup>3</sup> ) (H <sup>+</sup> form)
Moisture Retention	45 - 55 % (H <sup>+</sup> form)
Particle Size Range	300 - 1600 µm
< 300 µm (max.)	1 %
Reversible Swelling, H <sup>+</sup> → Ca <sup>2+</sup> (max.)	20 %
Reversible Swelling, H <sup>+</sup> → Ca <sup>2+</sup> (operating)	7% (approximately)
Reversible Swelling, H <sup>+</sup> → Na <sup>+</sup> (max.)	70 %
Specific Gravity	1.19
Shipping Weight (approx.)	740 - 780 g/L (46.2 - 48.8 lb/ft <sup>3</sup> )
Temperature Limit	120 °C (248.0 °F)



**Americas**  
T +1 610 668 9090  
F +1 610 668 8139  
americas@purolite.com

**Europe**  
T +44 1443 229334  
F +44 1443 227073  
europe@purolite.com

**Asia Pacific**  
T +86 571 876 31382  
F +86 571 876 31385  
asiapacific@purolite.com