

PRODUCT DATA SHEET

Purolite® C104DLPlus

Polyacrylic Porous, Weak Acid
Cation Resin, Hydrogen form,
Layered Bed grade

PRINCIPAL APPLICATIONS

- Dealkalization
- Deionization
- Softening
- Demineralization - Layered Beds

ADVANTAGES

- High operating capacity

SYSTEMS

- Layered Beds

REGULATORY APPROVALS

- 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 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 - 850 µm
< 300 µm (max.)	2 %
Uniformity Coefficient (max.)	1.4
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.)	730 - 770 g/L (45.6 - 48.1 lb/ft ³)
Temperature Limit	120 °C (248.0 °F)



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

EMEA
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