



Ion Exchange Resin PRODUCT DATA SHEET

Polyacrylic Macroporous Weak Acid Cation Resin Hydrogen form,
Non-Regenerable, Potable Water Grade

Principal Application

- Softening - Potable Water
- Dealkalization

Advantages

- Excellent kinetics
- High operating capacity
- Excellent selectivity for heavy metals
- Non-Regenerable

Systems

- Aqueous organic solutions

Regulatory Approvals

- French Health Ministry Approval for Potable Water Treatment
- Certified by the WQA to NSF/ANSI-61 Standard
- Water Regulations Advisory Scheme Approved

Typical Packaging

- 1 CF Sack
- 25 L Sack
- 5 CF Drum (Fiber)
- 1 M³ Supersack
- 42 CF Supersack

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polyacrylic crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Carboxylic Acid
Ionic Form	H ⁺
Total Capacity	3.6 eq/L (78.7 Kgr/ft ³) (H ⁺ form)
Moisture Retention	53 - 58 % (H ⁺ form)
Particle Size Range	300 - 1600 µm
< 300 µm (max.)	0.5 %
Reversible Swelling, H ⁺ → Ca ²⁺ (max.)	25 %
Reversible Swelling, H ⁺ → Na ⁺ (max.)	90 %
Specific Gravity	1.17
Shipping Weight (approx.)	735 - 770 g/L (45.9 - 48.1 lb/ft ³)
Temperature Limit	120 °C (248.0 °F)