

## PRODUCT DATA SHEET

# Purolite® C120E

Polystyrenic Gel, Strong Acid Cation  
Resin, Sodium form, Potable Water  
Grade

### PRINCIPAL APPLICATIONS

- Softening - Potable Water
- Food and beverage processing

### ADVANTAGES

- Efficient regeneration
- Good kinetic performance
- Low extractables

### REGULATORY APPROVALS

- Kosher Certified

### 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	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Sulfonic Acid
Ionic Form	Na <sup>+</sup> form
Total Capacity (min.)	1.5 eq/L (32.8 Kgr/ft <sup>3</sup> ) (Na <sup>+</sup> form)
Moisture Retention	56 - 60 % (Na <sup>+</sup> form)
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.7
Reversible Swelling, Ca <sup>2+</sup> → Na <sup>+</sup> (max.)	12 %
Specific Gravity	1.22
Shipping Weight (approx.)	770 - 805 g/L (48.1 - 50.3 lb/ft <sup>3</sup> )
Temperature Limit	120 °C (248.0 °F)

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|----------------|------------|-----------------|------------|
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