

PRODUCT DATA SHEET

Puopack® PPC150S

Polystyrenic Macroporous, Strong
Acid Cation Resin, Sodium form,
Packed Bed Grade

PRINCIPAL APPLICATIONS

- Demineralization - Sweetener Solutions
- Demineralization - Gelatin, Collagen

ADVANTAGES

- Excellent resistance to osmotic and thermal shock

SYSTEMS

- Counterflow regenerated systems
- Packed Bed Systems

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	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Sulfonic Acid
Ionic Form	Na ⁺ form
Total Capacity	1.8 eq/L (39.3 Kgr/ft³) (Na ⁺ form)
Moisture Retention	48 - 53 % (Na ⁺ form)
Mean Diameter	750 ± 100 µm
Uniformity Coefficient	1.2 - 1.4
Reversible Swelling, Na ⁺ → H ⁺ (max.)	7 %
Specific Gravity	1.25
Shipping Weight (approx.)	770 - 810 g/L (48.1 - 50.6 lb/ft³)
Temperature Limit	120 °C (248.0 °F) (H ⁺ form)
Temperature Limit	140 °C (284.0 °F) (Na ⁺ form)



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