

PRODUCT DATA SHEET

Puopack® PPC150SH

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

PRINCIPAL APPLICATIONS

- Sugar applications
- Deashing - Sugar
- Demineralization - Gelatin, Collagen

SYSTEMS

- Counterflow
- 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	H ⁺ form
Total Capacity	1.8 eq/L (39.3 Kgr/ft³) (Na ⁺ form)
Moisture Retention	54 - 59 % (H ⁺ form)
Mean Diameter	750 ± 100 µm
Uniformity Coefficient	1.2 - 1.4
Reversible Swelling, Na ⁺ → H ⁺ (max.)	7 %
Specific Gravity	1.18
Shipping Weight (approx.)	730 - 770 g/L (45.6 - 48.1 lb/ft³)
Temperature Limit	120 °C (248.0 °F) (H ⁺ form)
Temperature Limit	140 °C (284.0 °F) (Na ⁺ form)



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

FSU
T +7 495 363 5056
F +7 495 564 8121
fsu@purolite.com

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

EMEA

T +44 1443 229334
F +44 1443 227073
europa@purolite.com

Asia Pacific

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

FSU

T +7 495 363 5056
F +7 495 564 8121
fsu@purolite.com