

PRODUCT DATA SHEET

Purofine® PFC150

Polystyrenic Macroporous, Strong
Acid Cation Resin, Sodium form,
Uniform Particle Size

PRINCIPAL APPLICATIONS

- Softening - Industrial
- Softening - Industrial

ADVANTAGES

- Uniform particle size

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/ft ³) (Na ⁺ form)
Moisture Retention	48 - 53 % (Na ⁺ form)
Mean Diameter	570 ± 50 µm
Uniformity Coefficient	1.1 - 1.2
Reversible Swelling, Na ⁺ → H ⁺ (max.)	7 %
Specific Gravity	1.25
Shipping Weight (approx.)	775 - 800 g/L (48.4 - 50.0 lb/ft ³)
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
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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