

PRODUCT DATA SHEET

Purofine® PFC150H

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

PRINCIPAL APPLICATIONS

- Demineralization
- Condensate Polishing

ADVANTAGES

- Uniform particle size

SYSTEMS

- Counterflow

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	570 ± 50 µm
Uniformity Coefficient	1.1 - 1.2
Reversible Swelling, Na ⁺ → H ⁺ (max.)	7 %
Specific Gravity	1.18
Shipping Weight (approx.)	725 - 765 g/L (45.3 - 47.8 lb/ft³)
Temperature Limit	120 °C (248.0 °F) (H ⁺ form)
Temperature Limit	140 °C (284.0 °F) (Na ⁺ form)



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