

PRODUCT DATA SHEET

Purofine® PFC100EAg

Polystyrenic Gel, Strong Acid Cation Resin, Sodium/Silver form, Uniform Particle Size, Potable Water Grade

PRINCIPAL APPLICATIONS

- Bacteriostatic

ADVANTAGES

- Efficient regeneration
- Minimizes bacteria growth in intermittently used systems
- High operating capacity
- Good physical and chemical stability
- Lower pressure drop versus standard resin

TYPICAL PACKAGING

- 1 ft³ bag
- 5 ft³ Drum (Fiber)
- 35 ft³ Supersack
- 42 ft³ Supersack

LENNTECH
WATER TREATMENT SOLUTIONS

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Sulfonic Acid
Ionic Form	Na ⁺ /Ag ⁺
Total Capacity	1.9 eq/L (41.5 Kgr/ft ³) (Na ⁺ form)
Moisture Retention	46 - 50 % (Na ⁺ form)
Mean Diameter	570 ± 50 µm
Uniformity Coefficient (max.)	1.2
Reversible Swelling, Na ⁺ → H ⁺ (max.)	10 %
Reversible Swelling, Ca ²⁺ → Na ⁺ (max.)	8 %
Specific Gravity	1.27
Shipping Weight (approx.)	795 - 830 g/L (49.7 - 51.9 lb/ft ³)
Temperature Limit	120 °C (248.0 °F)



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