

PRODUCT DATA SHEET

Purofine® PFA870

Polyacrylic Gel, Mixed Base Anion,
Free Base / Chloride form, Uniform
Particle Size

PRINCIPAL APPLICATIONS

- Demineralization - Industrial Water

ADVANTAGES

- High regeneration efficiency

TYPICAL PACKAGING

- 1 ft³ Sack
- 25 L Sack
- 5 ft³ Drum (Fiber)
- 1 m³ Supersack
- 42 ft³ Supersack

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polyacrylic crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Quaternary and Tertiary Ammonium
Ionic Form	FB/Cl ⁻
Total Capacity (min.)	1.25 eq/L (27.3 Kgr/ft ³) (Cl ⁻ form)
Moisture Retention	56 - 62 %
Mean Diameter	570 ± 50 µm
< 425 µm (max.)	1 %
Uniformity Coefficient	1.1 - 1.2
Irreversible Swelling (max.)	10 %
Reversible Swelling, Cl ⁻ → OH ⁻ (max.)	10 %
Specific Gravity	1.08
Shipping Weight (approx.)	680 - 730 g/L (42.5 - 45.6 lb/ft ³)
Temperature Limit	35 °C (95.0 °F) (OH ⁻ form)



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