

Purolite® A850

Polyacrylic Gel Strong Base Anion
Resin Chloride form

PRINCIPAL APPLICATIONS

- Organic Matter Removal
- Tannin removal
- Demineralization
- Acid Retardation

ADVANTAGES

- Excellent resistance to organic fouling

REGULATORY APPROVALS

- IFANCA Halal Certified
- Kosher Certified
- Certified by the WQA to NSF/ANSI-61 Standard

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 Ammonium
Ionic Form	Cl ⁻ form
Total Capacity	1.25 eq/L (27.3 Kgr/ft³) (Cl ⁻ form)
Moisture Retention	57 - 62 %
Particle Size Range	300 - 1200 µm
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.7
Irreversible Swelling (max.)	10 %
Reversible Swelling, Cl ⁻ → OH ⁻ (max.)	15 %
Specific Gravity	1.09
Shipping Weight (approx.)	680 - 730 g/L (42.5 - 45.6 lb/ft³)
Temperature Limit	35 °C (95.0 °F) (OH ⁻ form)



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