

PRODUCT DATA SHEET

Purolite® A845DL

Polyacrylic Gel, Weak Base Anion Resin, Free Base form, Layered Bed grade

PRINCIPAL APPLICATIONS

- Demineralization - High organics water

ADVANTAGES

- Excellent chemical and thermal stability
- Excellent resistance to attrition and osmotic shock

SYSTEMS

- Layered Beds

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	Tertiary Amine
Ionic Form	FB form
Total Capacity	1.6 eq/L (35.0 Kgr/ft ³) (FB form)
Moisture Retention	56 - 62 % (FB form)
Particle Size Range	300 - 630 µm
< 300 µm (max.)	3 %
Uniformity Coefficient (max.)	1.4
Irreversible Swelling (max.)	5 %
Reversible Swelling, FB → Cl ⁻ (max.)	25 %
Specific Gravity	1.08
Shipping Weight (approx.)	665 - 695 g/L (41.6 - 43.4 lb/ft ³)
Temperature Limit	40 °C (104.0 °F) (FB form)



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