

Purolite® A848DL

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

PRINCIPAL APPLICATIONS

- Demineralization - High organics water

ADVANTAGES

- Lower rinse volumes
- Excellent resistance to organic fouling
- Unique resistance against osmotic shock attrition
- Exceptional physical stability
- Efficient regeneration

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 (min.)	1.4 eq/L (30.6 Kgr/ft³) (FB form)
Moisture Retention	59 - 65 % (FB form)
Particle Size Range	300 - 630 µm
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.4
Reversible Swelling, FB → Cl⁻ (max.)	15 %
Specific Gravity	1.07
Shipping Weight (approx.)	675 - 705 g/L (42.2 - 44.1 lb/ft³)
Temperature Limit	40 °C (104.0 °F) (FB form)



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