

Purolite® A100DLPlus

Polystyrenic Macroporous, Weak
Base Anion Resin, Free Base form,
Layered Bed Grade

PRINCIPAL APPLICATIONS

- Demineralization
- Mineral Acids Removal

ADVANTAGES

- Excellent mechanical and osmotic stability
- Excellent regeneration efficiency
- Good rinse behavior

SYSTEMS

- Layered Beds

REGULATORY APPROVALS

- LPPOM MUI Halal Certified

TYPICAL PACKAGING

- 1 ft³ Sack
- 25 L Sack
- 5 ft³ Drum (Fiber)
- 1 m³ Supersack
- 42 ft³ Supersack
- Bulk Tanker (NA only)

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Tertiary Amine
Ionic Form	FB
Total Capacity	1.3 eq/L (28.4 Kgr/ft ³) (FB form)
SBC	10 - 20 %
Moisture Retention	53 - 62 % (Cl ⁻ form)
Particle Size Range	300 - 630 µm
< 300 µm (max.)	3 %
Uniformity Coefficient (max.)	1.4
Reversible Swelling, FB → Cl ⁻ (max.)	25 %
Specific Gravity	1.04
Shipping Weight (approx.)	645 - 665 g/L (40.3 - 41.6 lb/ft ³)
Temperature Limit	100 °C (212.0 °F) (Cl ⁻ form)
Temperature Limit	60 °C (140.0 °F) (FB form)



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