

PRODUCT DATA SHEET

Purolite® A133S

Polystyrenic Macroporous, Weak
Base Anion Resin, Free Base form,
Sugar Grade

PRINCIPAL APPLICATIONS

- Demineralization - Sugar solutions
- Decolorization - Sugar Solutions

ADVANTAGES

- Excellent color removal
- Excellent resistance to osmotic shock
- 20 - 25% more throughput per cycle

LENNTECH
WATER TREATMENT SOLUTIONS

REGULATORY APPROVALS

- IFANCA Halal Certified
- 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	1.8 eq/L (39.3 Kgr/ft³) (FB form)
SBC	10 - 20 %
Moisture Retention	46 - 51 % (Cl⁻ form)
Particle Size Range	425 - 1000 µm
< 425 µm (max.)	2 %
Uniformity Coefficient (max.)	1.5
Reversible Swelling, FB → Cl⁻ (max.)	25 %
Specific Gravity	1.04
Shipping Weight (approx.)	655 - 685 g/L (40.9 - 42.8 lb/ft³)
Temperature Limit	100 °C (212.0 °F) (Cl⁻ form)
Temperature Limit	60 °C (140.0 °F) (FB form)



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