

PRODUCT DATA SHEET

Purolite® A420S

Polystyrenic Gel, Type I Strong
Base Anion Resin, Chloride form,
Sugar Grade

PRINCIPAL APPLICATIONS

- Reversible uptake of large organic molecules
- Demineralization - Sugar solutions

ADVANTAGES

- High sorptive capacity
- Efficient regeneration

LENNTECH
WATER TREATMENT Solutions

REGULATORY APPROVALS

- Kosher Certified

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 polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type I Quaternary Ammonium
Ionic Form	Cl ⁻ form
Total Capacity	0.8 eq/L (17.5 Kgr/ft³) (Cl ⁻ form)
Moisture Retention	60 - 65 % (Cl ⁻ form)
Particle Size Range	425 - 1200 µm
< 425 µm (max.)	2 %
Uniformity Coefficient (max.)	1.6
Reversible Swelling, Cl ⁻ → OH ⁻ (max.)	20 %
Shipping Weight (approx.)	675 - 705 g/L (42.2 - 44.1 lb/ft³)
Temperature Limit	100 °C (212.0 °F) (Cl ⁻ form)
Temperature Limit	60 °C (140.0 °F) (OH ⁻ form)



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