

PRODUCT DATA SHEET

Puopack® PPA420S

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

PRINCIPAL APPLICATIONS

- Reversible uptake of large organic molecules

SYSTEMS

- Packed Bed Systems

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/ft ³) (Cl ⁻ form)
Moisture Retention	60 - 65 % (Cl ⁻ form)
Mean Diameter	650 ± 50 µm
Uniformity Coefficient	1.1 - 1.2
Reversible Swelling, Cl ⁻ → OH ⁻ (max.)	35 %
Specific Gravity	1.04
Shipping Weight (approx.)	670 - 705 g/L (41.9 - 44.1 lb/ft ³)
Temperature Limit	100 °C (212.0 °F) (Cl ⁻ form)
Temperature Limit	60 °C (140.0 °F) (OH ⁻ form)



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