

## PRODUCT DATA SHEET

# Puoropack® 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 ft<sup>3</sup> Sack
- 25 L Sack
- 5 ft<sup>3</sup> Drum (Fiber)
- 1 m<sup>3</sup> Supersack
- 42 ft<sup>3</sup> Supersack

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type I Quaternary Ammonium
Ionic Form	Cl <sup>-</sup> form
Total Capacity	0.8 eq/L (17.5 Kgr/ft <sup>3</sup> ) (Cl <sup>-</sup> form)
Moisture Retention	60 - 65 % (Cl <sup>-</sup> form)
Mean Diameter	650 ± 50 µm
Uniformity Coefficient	1.1 - 1.2
Reversible Swelling, Cl <sup>-</sup> → OH <sup>-</sup> (max.)	20 %
Shipping Weight (approx.)	670 - 705 g/L (41.9 - 44.1 lb/ft <sup>3</sup> )
Temperature Limit	100 °C (212.0 °F) (Cl <sup>-</sup> form)
Temperature Limit	60 °C (140.0 °F) (OH <sup>-</sup> form)



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