

## PRODUCT DATA SHEET

# Puoropack<sup>®</sup> PPA600

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

### PRINCIPAL APPLICATIONS

- Demineralization - Industrial Water

### ADVANTAGES

- High operating capacity
- Efficient regeneration

### SYSTEMS

- Packed Bed Systems

### 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	1.4 eq/L (30.6 Kgr/ft <sup>3</sup> ) (Cl <sup>-</sup> form)
Moisture Retention	43 - 48 % (Cl <sup>-</sup> form)
Mean Diameter	650 ± 50 µm
Uniformity Coefficient	1.1 - 1.2
Reversible Swelling, Cl <sup>-</sup> → OH <sup>-</sup> (max.)	25 %
Specific Gravity	1.09
Shipping Weight (approx.)	685 - 720 g/L (42.8 - 45.0 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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