

PRODUCT DATA SHEET

Puopack[®] PPA400OH

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

PRINCIPAL APPLICATIONS

- Demineralization - Industrial Water

ADVANTAGES

- Efficient regeneration

SYSTEMS

- Packed Bed Systems

TYPICAL PACKAGING

- 1 CF Box
- 5 ft³ Drum (Fiber)

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type I Quaternary Ammonium
Ionic Form	OH ⁻ form
Total Capacity (min.)	1.3 eq/L (28.4 Kgr/ft ³) (Cl ⁻ form)
Moisture Retention	48 - 54 % (Cl ⁻ form)
Mean Diameter	705 ± 55 µm
Uniformity Coefficient	1.1 - 1.2
Reversible Swelling, Cl ⁻ → OH ⁻ (max.)	30 %
Shipping Weight (approx.)	655 - 690 g/L (40.9 - 43.1 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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