

PRODUCT DATA SHEET

Puoropack® PPA100Plus

Polystyrenic Macroporous, Weak
Base Anion Resin, Free Base form,
Packed Bed Grade

PRINCIPAL APPLICATIONS

- Demineralization

ADVANTAGES

- Excellent mechanical and osmotic stability



SYSTEMS

- Packed Bed Systems

TYPICAL PACKAGING

- 1 ft³ Sack
- 25 L Sack
- 5 ft³ Drum (Fiber)
- 1 m³ Supersack
- 42 ft³ Supersack

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Tertiary Amine
Ionic Form	FB form
Total Capacity	1.3 eq/L (28.4 Kgr/ft ³) (FB form)
SBC	10 - 20 %
Moisture Retention	53 - 62 % (Cl ⁻ form)
Mean Diameter	750 ± 100 µm
Uniformity Coefficient	1.2 - 1.4
Reversible Swelling, FB → Cl ⁻ (max.)	25 %
Specific Gravity	1.04
Shipping Weight (approx.)	650 - 680 g/L (40.6 - 42.5 lb/ft ³)
Temperature Limit	100 °C (212.0 °F) (Cl ⁻ form)
Temperature Limit	60 °C (140.0 °F) (FB form)



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