

Puopack® PPA503

Polystyrenic Macroporous, Type I
Strong Base Anion Resin, Chloride
form, Uniform Particle Size

PRINCIPAL APPLICATIONS

- Demineralization - Industrial
- Decolorization - Sugar Solutions

ADVANTAGES

- High operating capacity
- Superior resistance to organic fouling
- Excellent resistance to osmotic shock

SYSTEMS

- Packed Bed Systems
- Counterflow regenerated systems

REGULATORY APPROVALS

- IFANCA Halal Certified
- LPPOM MUI Halal 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	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type I Quaternary Ammonium
Ionic Form	Cl ⁻ form
Moisture Retention	61 - 66 % (Cl ⁻ form)
Total Capacity	1 eq/L (21.8 Kgr/ft³) (Cl ⁻ form)
Mean Diameter	750+ ± -100 µm
Uniformity Coefficient (max.)	1.2 - 1.4
Reversible Swelling, Cl ⁻ → OH ⁻ (max.)	20 %
Specific Gravity	1.08
Shipping Weight (approx.)	670 - 700 g/L (41.9 - 43.8 lb/ft³)
Temperature Limit	100 °C (212.0 °F) (Cl ⁻ form)
Temperature Limit	60 °C (140.0 °F) (OH ⁻ form)



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