

Puromet™ MTA8500PP

Polyacrylic Gel, Strong Base Anion Resin, Chloride form, Packed Bed Grade

PRINCIPAL APPLICATIONS

- Rinse water demineralization and recycling

ADVANTAGES

- Efficient regeneration
- Excellent resistance to organic fouling

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:

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|---|--|
| Polymer Structure | Gel polyacrylic crosslinked with divinylbenzene |
| Appearance | Spherical Beads |
| Functional Group | Quaternary Ammonium |
| Ionic Form | Cl ⁻ form |
| Total Capacity | 1.25 eq/L (27.3 Kgr/ft ³) (Cl ⁻ form) |
| Moisture Retention | 57 - 62 % |
| Mean Diameter | 750 ± 100 µm |
| Uniformity Coefficient | 1.2 - 1.4 |
| Irreversible Swelling (max.) | 10 % |
| Reversible Swelling, Cl ⁻ → OH ⁻ (max.) | 15 % |
| Specific Gravity | 1.09 |
| Shipping Weight (approx.) | 680 - 730 g/L (42.5 - 45.6 lb/ft ³) |
| Temperature Limit | 35 °C (95.0 °F) (OH ⁻ form) |



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