

PRODUCT DATA SHEET

Puromet™ MTC1500PPH

Polystyrenic Macroporous, Strong
Acid Cation Resin, Hydrogen form,
Packed Bed Grade

PRINCIPAL APPLICATIONS

- Rinse water demineralization and recycling

SYSTEMS

- Counterflow
- 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	Sulfonic Acid
Ionic Form	H ⁺ form
Total Capacity (min.)	1.8 eq/L (39.3 Kgr/ft ³) (Na ⁺ form)
Moisture Retention	54 - 59 % (H ⁺ form)
Mean Diameter	750 ± 100 µm
Uniformity Coefficient	1.2 - 1.4
Reversible Swelling, Na ⁺ → H ⁺ (max.)	7 %
Specific Gravity	1.18
Shipping Weight (approx.)	730 - 770 g/L (45.6 - 48.1 lb/ft ³)
Temperature Limit	120 °C (248.0 °F) (H ⁺ form)
Temperature Limit	140 °C (284.0 °F) (Na ⁺ form)



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