

PRODUCT DATA SHEET

Puromet™ MTS9510PF

Polystyrenic Macroporous,
Aminophosphonic Chelating Resin,
Uniform Particle Size

PRINCIPAL APPLICATIONS

- Copper electrolyte purification
- Antimony Removal
- Bismuth Removal

ADVANTAGES

- Low chloride leakage
- Highly selective

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	Aminophosphonic
Ionic Form	Na ⁺ form
Calcium Capacity (min.)	1.4 eq/L (Na ⁺ form)
Moisture Retention	55 - 65 % (Na ⁺ form)
Mean Diameter	570 ± 50 µm
Uniformity Coefficient (max.)	1.2
Reversible Swelling, H ⁺ → Na ⁺ (max.)	50 %
Specific Gravity	1.2
Shipping Weight (approx.)	730 - 770 g/L (45.6 - 48.1 lb/ft ³)
Temperature Limit	80 °C (176.0 °F)



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