

## 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 ft<sup>3</sup> Sack
- 25 L Sack
- 5 ft<sup>3</sup> Drum (Fiber)
- 1 m<sup>3</sup> Supersack
- 42 ft<sup>3</sup> Supersack

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Aminophosphonic
Ionic Form	Na <sup>+</sup> form
Calcium Capacity (min.)	1.4 eq/L (Na <sup>+</sup> form)
Moisture Retention	55 - 65 % (Na <sup>+</sup> form)
Mean Diameter	570 ± 50 µm
Uniformity Coefficient (max.)	1.2
Reversible Swelling, H <sup>+</sup> → Na <sup>+</sup> (max.)	50 %
Specific Gravity	1.2
Shipping Weight (approx.)	730 - 770 g/L (45.6 - 48.1 lb/ft <sup>3</sup> )
Temperature Limit	80 °C (176.0 °F)



**Americas**  
T +1 610 668 9090  
F +1 610 668 8139  
americas@purolite.com

**EMEA**  
T +44 1443 229334  
F +44 1443 227073  
europe@purolite.com

**Asia Pacific**  
T +86 571 876 31382  
F +86 571 876 31385  
asiapacific@purolite.com