

## PRODUCT DATA SHEET

# Puromet™ MTS9301

Polystyrenic Macroporous,  
Iminodiacetic acid Chelating Resin,  
RIP Grade

## PRINCIPAL APPLICATIONS

- Cobalt Removal
- Copper Removal
- Nickel Removal
- Zinc Removal

## ADVANTAGES

- Superior Mechanical Strength
- Large bead size

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WATER TREATMENT SOLUTIONS

## SYSTEMS

- Resin-In-Pulp (RIP) Process
- Acidic liquors and pulps

## 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	Polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Iminodiacetic
Ionic Form	Na <sup>+</sup> form
Copper Capacity (min.)	45 g/L
Moisture Retention	52 - 62 % (Na <sup>+</sup> form)
Particle Size Range	800 - 1300 µm
< 800 µm (max.)	5 %
Reversible Swelling, H <sup>+</sup> → Na <sup>+</sup> (max.)	35 %
Specific Gravity	1.18
Shipping Weight (approx.)	750 - 800 g/L (46.9 - 50.0 lb/ft <sup>3</sup> )
Temperature Limit	80 °C (176.0 °F)



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