

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

SYSTEMS

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

TYPICAL PACKAGING

- 1 ft³ Sack
- 25 L Sack
- 5 ft³ Drum (Fiber)
- 1 m³ Supersack
- 42 ft³ Supersack

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Iminodiacetic
Ionic Form	Na ⁺ form
Copper Capacity (min.)	45 g/L
Moisture Retention	52 - 62 % (Na ⁺ form)
Particle Size Range	800 - 1300 µm
< 800 µm (max.)	5 %
Reversible Swelling, H ⁺ → Na ⁺ (max.)	35 %
Specific Gravity	1.18
Shipping Weight (approx.)	750 - 800 g/L (46.9 - 50.0 lb/ft³)
Temperature Limit	80 °C (176.0 °F)



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