PRODUCT DATA SHEET

Puromet™ MTS9240

Polystyrenic Macroporous, Thiol Chelating Resin

LENNTECH
WATER TREATMENT SOLUTIONS

PRINCIPAL APPLICATIONS

- Mercury Removal
- Precious Metals Recovery
- Gold Recovery

ADVANTAGES

- High operating capacity
- Regenerable

SYSTEMS

- Acidic liquors and pulps
- Non-Regenerable

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	Thiol
Ionic Form	H^+ form
Mercury Capacity (min.)	200 g/L
Moisture Retention	45 - 51 % (H^+ form)
Particle Size Range	300 - 1000 µm
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.6
Reversible Swelling, $H^+ \rightarrow Hg$ (max.)	5 %
Reversible Swelling, $H^+ \rightarrow Na^+$ (max.)	40 %
Specific Gravity	1.13
Shipping Weight (approx.)	700 - 750 g/L (43.8 - 46.9 lb/ft³)
Temperature Limit	60 °C (140.0 °F)

Purolite®

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