PRODUCT DATA SHEET

Purolite®
MTS9850

Polyacrylic Macroporous, Polyamine Chelating Resin

PRINCIPAL APPLICATIONS

- Heavy Metals Removal

ADVANTAGES

- Excellent kinetics
- Excellent mechanical strength
- Excellent resistance to osmotic shock

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 polyacrylic crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Polyamine
Ionic Form	FB form
Total Capacity	2.3 eq/L (50.3 Kgr/ft³) (FB form)
Moisture Retention	52 - 57 % (FB form)
Particle Size Range	300 - 1200 µm
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.7
Reversible Swelling, FB → Cl^- (max.)	20 %
Specific Gravity	1.07
Shipping Weight (approx.)	670 - 710 g/L (41.9 - 44.4 lb/ft³)
Temperature Limit	40 °C (104.0 °F)

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