

PRODUCT DATA SHEET

Puromet™ MTX7010

Polystyrenic Macroporous, di-(2-ethylhexyl)phosphoric acid (D2EHPA) Functionality

PRINCIPAL APPLICATIONS

- Zinc, uranium, vanadium
- Lanthanides, indium, ferric iron, aluminium
- Actinides, titanium

ADVANTAGES

- High selectivity
- No requirement for organic solvents
- No phase separation issues

SYSTEMS

- Coflow systems - upflow service

TYPICAL PACKAGING

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

** Contact with caustic and sodium carbonate must be avoided. Process solutions and rinse waters must be kept below pH 4*

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Di-(2-ethylhexyl)phosphoric acid (D2EHPA)
Zn Capacity	13 g/L (min) (H ⁺ form)
Moisture Retention	28 - 35 %
Particle Size Range	300 - 1400 (90% min) µm
Specific Gravity	0.97
Shipping Weight (approx.)	490 - 540 g/L
Temperature Limit	80 °C (max)
pH Limits, Stability	4 (max)
pH limits, Operating	1 - 4



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