

PRODUCT SPECIFICATION SHEET

SUPRA SIR-400

CHELATING RESIN

**MERCURY & PRECIOUS METAL SELECTIVE
POLYSTYRENIC MACROPOROUS
FREE BASE FORM**

ResinTech SIR-400 is a free base form macroporous chelating weakly basic anion resin. Its unique functionality makes it selective for mercury and other heavy metals as well as for noble metals when present as cations. SIR-400 is intended for mercury removal and removal/recovery of various precious metals.

APPLICATIONS

- Precious Metals Recovery
- Mercury Removal

TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS	
Polymer Matrix	Styrenic Macroporous
Ionic Form	Free Base
Functional Group	Thiouronium
Physical Form	Spherical Beads
Particle Size	16 to 50 US Mesh (297 - 1190 µm)
% < 50 mesh (300µm)	≤ 10%
Minimum Sphericity	95.0%
Uniformity Coefficient	1.6
Temp Limit	212°F (100°C)
Capacity (meq/mL)	1.6
Moisture Retention	35% to 50%
Shipping Weight	43 - 45 lbs/ft ³ (689 - 721 g/L)
Color	White to Tan

PACKAGING OPTIONS

- 500 ml samples
- 1 ft³ bags
- 1 ft³ boxes
- 1 ft³ drums
- 7 ft³ drums
- 42 ft³ supersacks

Revision 1.1
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