

PRODUCT SPECIFICATION SHEET

SUPRA

SIR-946

HYBRID

**ARSENIC SELECTIVE
HYBRID STRONG BASE ANION
CHLORIDE FORM**

ResinTech SIR-946 is a chloride form arsenic selective hybrid anion exchange resin. SIR-946 has hydrated iron oxide monoatomically dispersed throughout the polymer giving the product hybrid properties and exceptional capacity for certain anions. SIR-946 is intended for the mining industry, specifically for brine silica removal.

APPLICATIONS

- Brine silica removal

TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS

Polymer Matrix	Styrenic Gel
Ionic Form	Chloride
Functional Group	Iron oxide Hybrid / Diethanolamine
Physical Form	Spherical Beads
Particle Size	16 to 50 US Mesh (297 - 1190µm)
% < 50 mesh (300µm)	< 1%
Minimum Sphericity	93%
Uniformity Coefficient	1.6
Temp Limit	250°F (121°C)
Capacity (meq/mL)	1.4
Moisture Retention	48% to 60%
Shipping Weight	48 - 50 lbs/ft ³ (769 - 801 g/L)
Color	Black

PACKAGING OPTIONS

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

Revision 1.2
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