SSM-135

Silica selective, hybrid strong base anion resin, styrene/DVB gel, chloride form

ResinTech SSM-135 is a chloride form silica selective hybrid gel type 1 strong base anion resin. Hydrated iron oxide is monoatomically dispersed throughout the polymer, giving the product hybrid properties and exceptional capacity for neutral silica, while retaining its strong base capacity for anionic contaminants.

APPLICATIONS

- Brine Silica Removal

Polymer Matrix	Styrene/DVB
Polymer Type	Gel
Ionic Form (as shipped)	Chloride (Cl^-)
Functional Group	Iron oxide Hybrid / Trimethylamine
Physical Form	Spherical Beads
Particle Size US Mesh (µm)	16 (1190) to 50 (297)
< 50 mesh (300 µm) %	< 1%
Minimum Sphericity (%)	93
Uniformity	Gaussian
Uniformity Coefficient	1.60
Capacity (meq/mL)	1.40
Moisture Retention (%)	35 to 50
Shipping Weight	48 - 50 lbs/cu.ft. (769 - 801 g/L)
Color	Black

RESINTECH® INC.
INNOVATIONS IN ION EXCHANGE

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SUGGESTED OPERATING CONDITIONS

Maximum Temperature	250°F (121°C)	Flow Rate	
		Working Service	Depends on fluid viscosity. Contact ResinTech

Minimum Order Volume: 210 (cu.ft.)

SAFETY DATA SHEETS (SDS)

Safety Data Sheets (SDS) are available for all products on the ResinTech website. They contain important health and safety information that may be needed to protect your employees and customers from any known health and safety hazards associated with our products. We recommend that you secure and study the pertinent MSDS for our products and any other products being used.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith.
However we do not make any guarantee or warranty. We caution against using these products in an unsafe manner or in violation of any patents; further we assume no liability for the consequences of any such actions.

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