SBG1P-OH-LTOC separate component

Grade: Low TOC

Strong base type 1 anion resin, styrene/DVB gel, lowTOC grade, hydroxide form

ResinTech SBG1P-OH-LTOC is a type 1 gel strong base anion resin in hydroxide form. The LTOC grade means it has been functionally tested to produce >18 megohm resistivity and under 10 ppb of TOC (when paired in a mixed bed with LTOC grade cation resin). SBG1P-OH-LTOC is intended for use in industrial demineralizing applications such as two beds and mixed beds where a resin that has been tested to confirm high resistivity and low TOC is required.

FEATURES & BENEFITS

- Ideal for deep bed condensate polishers
- Highly uniform particle size
- Superior physical stability
- Macroporous structure

PHYSICAL PROPERTIES

Polymer Matrix	Styrene/DVB
Polymer Type	Gel
Ionic Form (as shipped)	Hydroxide (OH^-)
Functional Group	Trimethylamine
Physical Form	Spherical Beads
Uniformity Coefficient	1.60
Particle Size	16-50 US mesh (297-1190µm)
< 50 mesh (300 µm) %	< 1%
Minimum Sphericity (%)	93
Reversible Swelling	18 to 25% (Cl → OH)
Capacity (meq/mL)	1.00
Moisture Retention (%)	52 to 60
Color	White To Amber

SUGGESTED OPERATING CONDITIONS

Maximum Pressure Loss	20 psi (138 kPa)
Backwash Expansion (%)	25 - 50
Flow Rate	
Working Service	1-10 gpm/cu.ft. (8-80 BV/h)

REGENERATION DETAILS

Hydroxide Cycle (NaOH)	2 to 6%
Displacement Flow Rate	Same as dilution water
Displacement Volume	10-15 gals/cu.ft. (1-2 BV)

RESINTECH® INC.
INNOVATIONS IN ION EXCHANGE

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SBG1P-OH-LTOC separate component

PACKAGING

Standard

42 cu.ft. Supersack | 7 cu.ft. Drum
200L Drum | 1000L Supersack

Metric

1 cu.ft. Bag | 5 cu.ft. Drum
25L Bag | 140L Drum

MATERIAL SAFETY DATA SHEETS (MSDS)

Material Safety Data Sheets (MSDS) 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.

Safety Data Sheets (SDS) are available at resintech.com

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