

PRODUCT SPECIFICATION SHEET

MAGNA SBG1-OH-SC

STRONG BASE ANION

SEMICONDUCTOR GRADE
TYPE I ANION
POLYSTYRENIC GEL
HYDROXIDE FORM

ResinTech SBG1-OH-SC is a high solids type 1 gel strong base anion resin in hydroxide form. The SC grade means it has been functionally tested to produce > 18 megohm resistivity and under 50 ppb of TOC (when paired in a mixed bed with SC grade cation resin). SBG1-OH-SC is intended for use in industrial applications where a hydroxide form anion resin is required, for mixed beds, high operating temperatures, and low TDS polishing such as RO permeate.

APPLICATIONS

- Demineralization
- Anion Component in Mixed Beds

TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS

Polymer Matrix	Styrenic Gel
Ionic Form	Hydroxide
Functional Group	Trimethylamine
Physical Form	Spherical Beads
Particle Size	16 to 50 US Mesh (297 - 1190 µm)
% < 50 mesh (300µm)	< 1%
Minimum Sphericity	93%
Uniformity Coefficient	1.6
Reversible Swelling	OH to Cl -18% to -25%
Temp Limit	140°F (60°C)
Capacity (meq/mL)	1.2
Moisture Retention	52% to 60%
Shipping Weight	41 - 43 lbs/ft ³ (657 - 689 g/L)
Color	Yellow to Orange
Regenerability	Yes

PACKAGING OPTIONS

- 1 ft³ bags
- 1 ft³ boxes
- 1 ft³ drums
- 7 ft³ drums
- 42 ft³ supersacks

Revision 1.0
ResinTech, Inc.®

