

## MAGNA SBG1-OH-LTOC

STRONG BASE ANION

LOW TOC GRADE  
TYPE I ANION  
POLYSTYRENIC GEL  
HYDROXIDE FORM

ResinTech SBG1-OH-LTOC is a high solids type 1 gel strong base anion resin in hydroxide form. The LTOC grade 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). SBG1-OH-LTOC 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

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

### PACKAGING OPTIONS

- 1 ft<sup>3</sup> bags
- 1 ft<sup>3</sup> boxes
- 1 ft<sup>3</sup> drums
- 7 ft<sup>3</sup> drums
- 42 ft<sup>3</sup> supersacks

Revision 1.0  
ResinTech, Inc.®

