

# PRODUCT SPECIFICATION SHEET

## MAGNA SBG1P-OH-SC

STRONG BASE ANION

SEMICONDUCTOR GRADE  
TYPE I ANION  
POLYSTYRENIC POROUS GEL  
HYDROXIDE FORM

ResinTech SBG1P-OH-SC is a type 1 porous 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). SBG1P-OH-SC 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.

### APPLICATIONS

- Demineralization
- Anion Component in Mixed Beds

### TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS

<b>Polymer Matrix</b>	Styrenic Porous 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 -20% to -28%
<b>Temp Limit</b>	140°F (60°C)
<b>Capacity (meq/mL)</b>	1.05
<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

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