

## MAGNA SBG1-OH-ULTRA

STRONG BASE ANION

**ULTRAPURE GRADE  
TYPE I ANION  
POLYSTYRENIC GEL  
HYDROXIDE FORM**

ResinTech SBG1-OH-ULTRA is a high solids type 1 gel strong base anion resin in hydroxide form. The ULTRA grade has been functionally tested to produce > 18 megohm resistivity and under 2 ppb of TOC (when paired in a mixed bed with ULTRA grade cation resin). SBG1-OH-ULTRA 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)	7%
Minimum Sphericity	93%
Uniformity Coefficient	1.6
Reversible Swelling	OH toCl -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 <sup>3</sup> (657 - 689 g/L)
Color	Yellow to Orange
Regenerability	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.®

