

# PRODUCT SPECIFICATION SHEET

## MAGNA SBG1P-OH-ID

STRONG BASE ANION

COLOR INDICATING  
TYPE I ANION  
POLYSTYRENIC POROUS GEL  
HYDROXIDE FORM

ResinTech SBG1P-OH-ID is a dyed type 1 gel strong base anion resin in hydroxide form. The ID grade means it has been dyed with a permanent blue dye that changes from deep blue to amber as the resin exhausts. ResinTech SBG1P-OH-ID is intended for cartridge use in mixed beds and other applications where a visual indication of resin exhaustion is desired.

### APPLICATIONS

- Color Changing Mixed Beds
- 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>	1.0
<b>Shipping Weight</b>	41 - 43 lbs/ft <sup>3</sup> (657 - 689 g/L)
<b>Color</b>	Blue
<b>Regenerability</b>	Yes

### PACKAGING OPTIONS

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

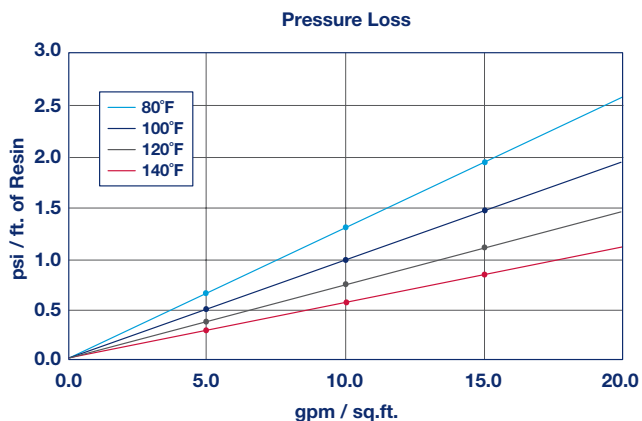
Revision 1.1  
ResinTech, Inc.®



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### SUGGESTED OPERATING CONDITIONS

Maximum continuous temperature	
Hydroxide form	140°F
Maximum pressure loss	20 psi
Service flow rate	1 to 10 gpm/cu.ft.

Note: These guidelines describe average low risk operating conditions. They are not intended to be absolute minimums or maximums.  
For operation outside these guidelines, contact ResinTech Technical Support