

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	
Polymer Matrix	Styrenic Porous 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 -20% to -28%
Temp Limit	140°F (60°C)
Capacity (meq/mL)	1.0
Shipping Weight	40 - 42 lbs/ft ³ (641 - 673 g/L)
Color	Blue
Regenerability	Yes

PACKAGING OPTIONS

- 500 ml samples
- 1 ft³ drums
- 1 ft³ bags
- 7 ft³ drums
- 1 ft³ boxes
- 42 ft³ supersacks

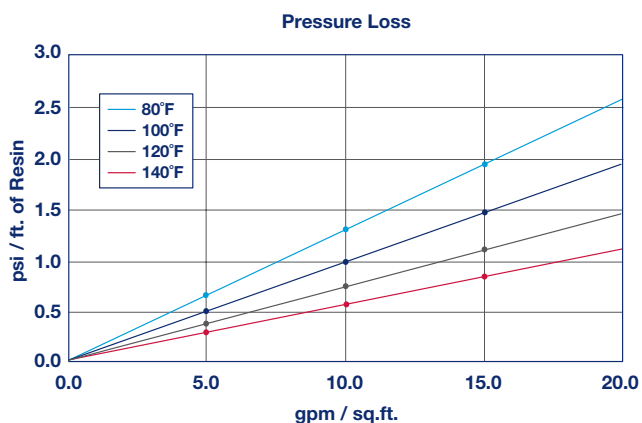
Revision 1.0
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SUGGESTED OPERATING CONDITIONS

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

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