

PRODUCT SPECIFICATION SHEET

MAGNA SBG2-HP-HCO₃ STRONG BASE ANION

HIGH-PURITY GRADE
TYPE II ANION
POLYSTYRENIC GEL
BICARBONATE FORM

ResinTech SBG2-HP-HCO₃ is a high purity bicarbonate form type 2 gel strong base anion resin. The HP (high purity) designation means it is Gold Seal Certified by the WQA for use in potable water applications. SBG2-HP-HCO₃ is intended for use in potable water applications where a type 2 strong base anion resin is required, where an initial pH drop is undesirable, or where the release of chlorides is objectionable.

APPLICATIONS

- Potable Water
- Chloride Removal

TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS

Polymer Matrix	Styrenic Gel
Ionic Form	Bicarbonate
Functional Group	Dimethylethanolamine
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	Cl to OH 12% to 15%
Temp Limit	170°F (77°C)
Capacity (meq/mL)	1.4
Moisture Retention	36% to 45%
Shipping Weight	43 - 45 lbs/ft ³ (689 - 721 g/L)
Color	White to Yellow
Regenerability	Yes

CERTIFICATIONS

WQA Gold Seal



C US

Revision 1.0
© 2020 ResinTech, Inc.

PACKAGING OPTIONS

- 1 ft³ bags
- 1 ft³ boxes
- 1 ft³ drums
- 7 ft³ drums
- 42 ft³ supersacks

