

MBD-4000

ResinTech MBD-4000 is a low TOC, 1:1 stoichiometric mixture of CN8-F-H (hydrogen form cation resin) and SBG1P-OH-UPS (hydroxide form type 1 strong base anion resin). The mixture ratio is specifically designed to be 1:1 on an equivalent capacity basis and to be non-separating. MBD-4000 is intended for use in polishing mixed bed deionization applications that require high resistivity, high throughput capacity and ultra-low TOC.



FEATURES & BENEFITS

- Non-Separating Mixed Bed
- Ideal for UPW polishing applications
- Ultra Low TOC
- Highest operating capacity

REACH Registered

Conforms to §21CFR173.25 of the USFDA Food Additives Regulations

MBD-4000

Polymer Type		Gel	Physical Form	Spherical Beads
Component(s)	64% SBG1P-OH-LTOC,36% CN8-	H-F	Capacity (meq/mL)	0.67
Ionic Form (as shipped)	Hydrogen & Hydroxide (H ⁺ / OH ⁻)		Moisture Retention (%)	53 to 62
			Shipping Weight	42 - 44 lbs/cu.ft. (673 - 705 g/L)
			Color	Amber Dark Brown to Black

SUGGESTED OPERATING CONDITIONS

Maximum Temperature	180°F (82°C)	Flow Rate	
Minimum Bed Depth	24 in. (61.0 cm)	Working Service	1-5 gpm/cu.ft. (8-40 BV/h)
Maximum Pressure Loss	25 psi (172 kPa)	Polishing	3-10 gpm/cu.ft. (24-80 BV/h)
Operating pH Range	2.0 to 12.0		

PACKAGING

Standard

7 cu.ft. Drum

COMPONENT MEDIA

64% SBG1P-OH-LTOC,36% CN8-H-F

SAFETY DATA SHEETS (SDS)

Safety Data Sheets (SDS) are available for all products on the ResinTech website. They contain important health and safety information that may be needed to protect your employees and customers from any known health and safety hazards associated with our products. We recommend that you secure and study the pertinent MSDS for our products and any other products being used.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith. However we do not make any guarantee or warranty. We caution against using these products in an unsafe manner or in violation of any patents; further we assume no liability for the consequences of any such actions.

Safety Data Sheets (SDS) are available at resintech.com

