

PRODUCT SPECIFICATION SHEET

MAGNA MBD-80

MIXED BED

**WEAK ACID CATION / GAC
ACRYLIC GEL & CARBON
HYDROGEN & CARBON FORM**

ResinTech MBD-80 is a 4:1 volumetric mixture of WACG-HP (a buffered hydrogen form high purity grade weak acid cation resin) and AGC-40-AW (a 12 x 40 mesh acid washed granular carbon). Both the cation and carbon components have been Gold Seal Certified by the WQA for use in potable water applications. MBD-80 is intended for use in cartridges and filter devices to remove lead and chlorine from potable water and to reduce hardness and scale-forming ions.

APPLICATIONS

- Potable Water
- Lead Removal
- Chlorine Removal

TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS

Polymer Matrix	Acrylic Gel & Carbon
Ionic Form	Hydrogen & Carbon
Functional Group	Carboxylic Acid / Carbon
Physical Form	Spherical/Granules
Particle Size	8 to 50 US Mesh (297 - 2380 µm)
% < 50 mesh (300µm)	< 1%
Temp Limit	250°F (121°C)
Shipping Weight	45 - 47 lbs/ft ³ (721 - 753 g/L)
Color	White / Cream & Black

PACKAGING OPTIONS

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

SUGGESTED OPERATING CONDITIONS

Maximum temperature	140°F
Minimum bed depth	2 inches in filters 18 inches in tanks
Service flow rate*	
Continuous flow	2 to 5 gpm/cu. ft.
Intermittent flow	15 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

Revision 1.0
© 2020 ResinTech, Inc.

