

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 CA (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/ft³ (721 - 753 g/L)
Color	White / Cream & Black

PACKAGING OPTIONS

- 500 ml samples
- 1 ft³ bags
- 1 ft³ boxes
- 1 ft³ drums
- 7 ft³ drums
- 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 1.1
ResinTech, Inc.®

LENNTech
WATER TREATMENT Solutions
info@lenntech.com Tel. +31-152-610-900
www.lenntech.com Fax. +31-152-616-289



RESINTECH INC.
INNOVATIONS IN ION EXCHANGE