

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 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/ft ³ (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

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ResinTech, Inc.®

