MBD-80

Mixed bed media, buffered weak acid cation resin and granular activated carbon

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 pour-through filter devices to remove lead and chlorine from potable water and to reduce hardness and scale-forming ions.

FEATURES & BENEFITS

- High Capacity
- High Regeneration Efficiency
- Superior Physical Stability
- Controlled Particle Size
- Complies With US FDA Regulations

APPLICATIONS

- Dechlorination
- Lead Removal

COMPONENT 1

Media & Volumetric %	20% AGC-40-AW
Media Category	Bituminous Coal
Moisture Retention (%)	30 to 38
Min. Iodine Number (mg/gm)	850
Conductivity (uS/cm)	500

COMPONENT 2

Media & Volumetric %	80% WACG
Media Category	Weak Acid Cation
Polymer Type	Gel
Polymer Matrix	Acrylic/DVB
Functional Group	Carboxylic Acid
Ionic Form	Hydrogen (H^+)
Physical Form	Spherical Beads
Capacity	4.00
Moisture Retention (%)	43 to 60
Media Color	White to Cream

PHYSICAL PROPERTIES

Particle Size	8-50 US mesh (297-2380µm)
< 50 mesh (300 µm) %	< 1
Reversible Swelling	Insignificant
Shipping Weight	45 - 47 lbs/cu.ft. (721 - 753 g/L)

SUGGESTED OPERATING CONDITIONS

Maximum Pressure Loss	25 psi (172 kPa)
Operating pH Range	2.0 to 12.0
Flow Rate	
Working Service	1-4 gpm/cu.ft. (8-32 BV/h)

RESINTECH® INC.
INNOVATIONS IN ION EXCHANGE

CORPORATE HEADQUARTERS 1801 Federal Street Camden, NJ 08105 USA PHONE 856.768.9600 EMAIL info@resintech.com WEB resintech.com

MBD-80

CERTIFICATIONS

PACKAGING

Standard

7 cu.ft. Drum | 42 cu.ft. Supersack

200L Drum | 1000L Supersack

Metric

1 cu.ft. Bag | 5 cu.ft. Drum

25L Bag | 140L Drum

Shipping Weight

45 - 47 lbs/cu.ft. (721 - 753 g/L)

MATERIAL SAFETY DATA SHEETS (MSDS)

Material Safety Data Sheets (MSDS) 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

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