MBD-90

Mixed bed media, macroporous strong base anion resin and granular activated carbon

MBD-90 is a 1:3 volumetric mixture of chloride form macroporous acrylic strong base anion resin and 12 x 40 acid washed granular carbon. The combination of anion resin plus carbon results in good removal of complex naturally occurring organic anions and molecules. MBD-90 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.

APPLICATIONS

- Tannin
- Organics

COMPONENT 1

Media & Volumetric %	25% SBACR-MP-HP
Media Category	Strong Base Anion
Polymer Type	Macroporous
Polymer Matrix	Acrylic/DVB
Functional Group	Quaternary Amine
Ionic Form	Chloride (Cl^-)
Physical Form	Spherical Beads
Capacity	0.80
Moisture Retention (%)	61 to 70

PHYSICAL PROPERTIES

Particle Size	12-50 US mesh (297-1680µm)
< 50 mesh (300 µm) %	< 1
Reversible Swelling	Insignificant
Shipping Weight	42 - 44 lbs/cu.ft. (673 - 705 g/L)

SUGGESTED OPERATING CONDITIONS

Maximum Pressure Loss	25 psi (172 kPa)
Operating pH Range	2.0 to 12.0
Flow Rate	
Working Service	1-5 gpm/cu.ft. (8-40 BV/h)

RESINTECH® INC.
INNOVATIONS IN ION EXCHANGE

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CERTIFICATIONS

REACH Registered

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

42 - 44 lbs/cu.ft. (673 - 705 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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