

## 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

REACH Registered

MBD-90

Polymer Matrix	Styrene/DVB & Carbon	Particle Size US Mesh	12 (1680) to 50 (297)
Polymer Type	Macroporous & Carbon	(µm)	
Component(s)	25% SBACR-MP-HP,75% AGC-40-AW	< 50 mesh (300 µm) %	< 1
Ionic Form (as shipped)	Chloride & Carbon (Cl <sup>-</sup> / Carbon)	Reversible Swelling	Insignificant
Physical Form	Spherical Beads / Carbon Granules	Uniformity	Gaussian
		Moisture Retention (%)	NA**
		Shipping Weight	42 - 44 lbs/cu.ft. (673 - 705 g/L)
		Color	Black Tan

**SUGGESTED OPERATING CONDITIONS**

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

**PACKAGING**

**Standard**

7 cu.ft. Drum | 42 cu.ft. Supersack  
1 cu.ft. Bag | 5 cu.ft. Drum

**Metric**

25L Bag | 140L Drum

**COMPONENT MEDIA**

25% SBACR-MP-HP,75% AGC-40-AW

**SAFETY DATA SHEETS (SDS)**

Safety Data Sheets (SDS) 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](http://resintech.com)

