

MB101

For ultra pure water production (Ready to used Mixed Bed)

MB101 is a high quality resin mixture for direct purification of water. It is suitable for use in regenerable or non-regenerable cartridges and in large ion exchange units. Passage of water at recommended flow rates through the resin as supplied can achieve almost complete reduction of total dissolved solids. The residuals produce average conductivity values of about $0.06 \mu\text{s cm}^{-1}$ for a major portion of the service run which may be extended depending upon the final water quality acceptable.

Typical physical & Chemical characteristics		
Specification	Anion	Cation
Functional Group	Quaternary Amine	Sulfonic acid
Ionic form	OH	H
Volume ratio	1.5	1
Total Exchange Capacity, meq/ml min.	1.1	1.8
Water Retention Capacity	55–65	50–55
Ion Conversion	90%	99%
Whole Bead Count, min.	95%	95%
Shipping weight (approx.)	710–740 g/l	
The resistance of outlet water	>16.5 M Ω cm after 15 BV of rinse at 30 BV/h	
Package	5L vacuum bag , 5L x 5bags/Carton	