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## AMBERLITE™ MB9L

Industrial Grade Non-Regenerable Mixed Bed Resin

### Introduction

AMBERLITE MB9L resin is a homogeneous mixture of a strongly acidic cation exchanger in the H<sup>+</sup> form with a strongly basic anion exchanger in the OH<sup>-</sup> form. It is mainly characterised by a high cationic exchange capacity. AMBERLITE MB9L resin contains no dye indicator to show exhaustion of the resin and a conductivity meter is needed to monitor the treated water quality and the exhaustion endpoint.

AMBERLITE MB9L resin is specifically designed for the partial demineralisation of water when the ratio of alkalinity to free mineral acidity is higher than 1, where complete removal of the cations and of the acidity is essentially required without the need to fully eliminate CO<sub>2</sub> and silica.

### Properties

Composition in volume	Cation component : 46 to 55 % Anion component : 54 to 45 %
Ionic form as shipped	H <sup>+</sup> / OH <sup>-</sup>
Shipping weight	745 g/L < 0.300 mm 5.0 max

### Suggested Operating Conditions

Maximum operating temperature	60°C
Minimum bed depth	700 mm
Service flow rate	20 to 40 BV*/h

### Limits of use

AMBERLITE MB9L resin is suitable for industrial uses. For all other specific applications such as pharmaceutical, food processing or potable water applications, it is recommended that all potential users seek advice from Rohm and Haas in order to determine the best resin choice and optimum operating conditions.

#### For more information about DOW™ resins, call the Dow Water & Process Solutions business:

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