



WATERITE TECHNOLOGIES, INC.

3-75 Meridian Drive

Winnipeg, Manitoba

Canada R2R 2V9

PHONE (204) 786-1604

FAX (204) 783-1599

Email: waterite@waterite.com

Website: www.waterite.com

**WATERITE TECHNOLOGIES, INC.
PRODUCT SPECIFICATION SHEET
M-MBR-002**

**MBX118 POLYSTYRENE MIXED BED RESIN FOR
DEIONIZATION**

Excelclear MBX118 is a high capacity mixed bed ion exchange resin consisting of a 1:1 chemically equivalent mixture of a gel Type 1 strong base anion exchange resin and a gel strong acid cation exchange resin. Suitable for use for make-up water, electronics/laboratory grade water, process industries and wastewater recovery.

	ANION (60%)	CATION (40%)
TYPE:	Strong base type I	Strong acid cation
MATRIX:	Polystyrene	Polystyrene
IONIC FORM:	OH-	H+
TOTAL CAPACITY:	1.4 meq/ml min.	2.0 meq/ml min
WATER RETENTION:	48% - 54% max.	36% - 46% max.
BULK DENSITY:	0.68 - 0.76 g/ml	0.78 - 0.88 g/ml
PARTICLE SIZE:	0.315 - 1.25 mm	0.315 - 1.25 mm
pH RANGE:		0 - 14
MAXIMUM TEMP:		60°C (140°)
COLOUR:	Brown amber	Light amber
PACKAGE:	1 cu. ft white, heavy mil plastic bags, heat sealed at ends, plastic lined. 42 bags per pallet. Labeled with model and lot number. Pallets are wrapped by plastic wrap to ensure sturdy and clean delivery.	
TRADE NAME:	Excelclear	
MODEL NUMBER:	MBX118	

ExcelclearTM

SPEC M-MBR-002

October, 2006