



AMBERLITE® MB6113

Industrial Grade Non-Regenerable Mixed Bed Resin

PRODUCT DATA SHEET

AMBERLITE MB6113 is an ionically equilibrated mixed bed resin. It is a mixture of a strongly acidic cation exchanger with a strongly basic type 1 anion exchanger. Supplied in the regenerated form, it is specially designed for the

production of high quality water. A colour indicator allows the visualisation of the exhaustion point of the resin. After exhaustion, AMBERLITE MB6113 cannot be regenerated.

PROPERTIES

Composition in volume ^[1] _____

Cation exchanger : 41 % ± 4 %

Anion exchanger : 59 % ± 4 %

Ionic form as shipped _____

H⁺ / OH⁻

Percentage of regeneration _____

Cation component : H⁺ (95 % min)

Anion component : OH⁻ (90 % min)

Bulk density ^[1] _____

610 to 680 g/L

Chemical stability _____

Insoluble in water, dilute solution of acids or bases and common solvents

^[1] *Contractual value*

Test methods available upon request.

SUGGESTED OPERATING CONDITIONS

Maximum operating temperature _____

60°C

Service flow rate _____

10 to 60 BV*/h

Colour indicator _____

Between blue and green (regenerated form)

Light brown (exhausted form)

* 1 BV (Bed Volume) = 1 m³ solution per m³ resin

