



Resinex™ MX-2

Mixed Bed Exchange Resin

Resinex™ MX-2 is a ready-to-use, regenerable mixed bed resin specially designed for the production of fully demineralised water. The product is made up of a 1:1.5 volumetric ratio of Resinex™ K-8 H and Resinex™ A-4 OH to offer a very low conductivity in the outlet during operation. The high operating capacity offers an economic advantage and the type 1 functional group in the anionic compound guarantees a high purity, silica free water.

Typical Properties

Type	Crosslinked polystyrene divinylbenzene
Form	Gel-type, amber, spherical beads
Functional group	Sulfonic acid/Quaternary ammonium, Type 1
Whole bead count	>95%
Ionic form, as shipped	H ⁺ /OH ⁻
Bead size	0.42 - 1.25 mm
Uniformity coefficient	≤1.60
Apparent density	740 kg/m ³
Water retention	45 – 55%
Total capacity	Cation: 0.68 eq/l, Anion: 0.48 eq/l min
Volume change (regenerated → exhausted)	≤15%
Stability, pH	0 – 14

Standard Operation Conditions

Bed depth	>600 mm
Service flow rate	8 – 40 BV/h



KEY FEATURES AND BENEFITS

- High integrity beads
- Extended operating capacity
- Low conductivity leakage

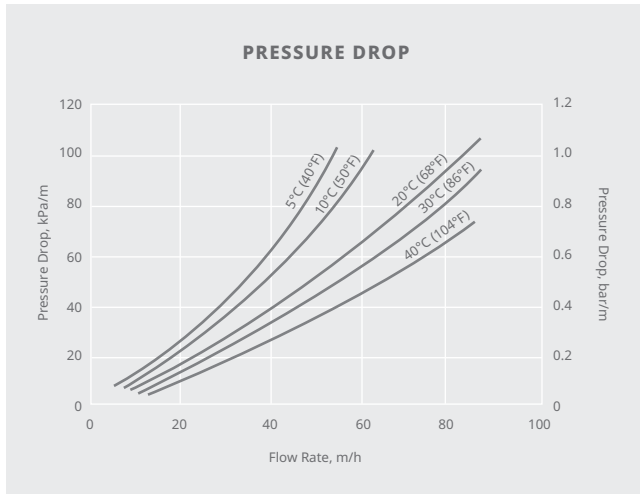


TYPICAL APPLICATIONS

- Polishing after demineralisation
- Demineralisation in laboratories
- Mixed bed cartridges

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For more information or contact visit: resins.jacobi.net

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