

SEPLITE® MonoJet™ MC3600

"Uniform particle size, macroporous, styrene-divinylbenzene"

Description

PRODUCT INFORMATION

SEPLITE® MonoJet™ MC3600

Uniform particle size, macroporous, **Strong acid cation resin for Industrial demineralization and condensate polishing applications**

SEPLITE® MonoJet™ MC3600 **Ion Exchange Resin** is a high-quality, high-capacity resin with uniform particle size designed specifically for use in condensate polishing mixed beds when high purity and water quality are required. It also can be used in **demineralization of water for industrial steam generation**.

With its outstanding mechanical strength and very good oxidative stability, it is suitable for the high flow rate demands of condensate polishing applications.

SEPLITE® MonoJet™ MC3600 Strong Acid Cation Resin Physical and Chemical Characteristics:

Matrix Structure	Macroporous, Styrene-divinylbenzene	
Functional group	Sulfonic acid	Sulfonic acid
Shipping form	Na+	H+
Physical Appearance	Beige grey to brown spherical beads	
Particle size (mm)	0.63±0.05mm	0.65±0.05mm
	<0.3mm ≤0.1%	<0.3mm ≤0.1%
	≥0.85mm ≤3.0%	≥0.85mm ≤3.0%
Moisture content (%)	45-55	56-60
Total Capacity(eq/L)	≥1.8	≥1.6
Bulk Density (g/l)	770-850	740-800
Density (g/l)	1250-1280	1200-1250
Whole beads count (%)	≥95	≥95
Uniformity coefficient	≤1.1	≤1.1
Volume change (Na+ to H+-)	8%	
max. vol. %		
Operating temperature (max. °C)	120	
Operating pH	0-14	

SEPLITE® MonoJet™ MC3600 Strong Acid Cation Resin Applications:

- **Industrial softening** when **treating water** with high oxidant level and high temperature.
- Condensate polishing.
- Industrial demineralization.