



Windows101 MB1:1

Mixed Bed Ion Exchange Resin

Description

Windows101 MB1:1 mixed bed resin is 1:1 volumetric ratio of a strong acid cation resin in Hydrogen form and a strong base Type I anion resin in a Hydroxide form. Windows101 MB1:1 is an industrial grade virgin non-regenerable resin.

Recommended Use

Windows101 MB1:1 is recommended in any non-regenerable mixed-bed application where reliable production of high quality water is required for industrial use.

Typical Specifications

Type:	Strong Acid Cation	Strong Base Anion
Functional Group:	Sulphonic Acid	Quaternary Ammonium Type I
Ionic Form:	Hydrogen	Hydroxide
Screen Size:	16 – 50 mesh	16 – 50 mesh
Particle Size:	0.30 – 1.20 mm	0.30 – 1.20 mm
Total exchange Capacity:	1.80 meq/mL (99% in H form)	1.0 meq/mL (90% in OH form)
Matrix:	DVB / Styrene	
Physical form:	Spherical Beads	
Maximum Temp:	60°C / 140° F	

Packaging

Standard packing is in 1 ft³ valve bags.

Handling and Storage

Handling: Avoid contact with eyes and prolonged skin contact. Wash hands after handling. Minimize skin contact. Flush eyes out with water for minimum of 15 mins. Seek medical attention. Spills create slipping hazard.

Storage: Store in a dry place. Keep container tightly closed when not in use. Store at room temperatures above 0°C/32°F. Store at temperatures below 40°C/104°F

General

Precautions: Keep away from children and animals. Sweep up as much spilled material as possible and transfer to a plastic container for recovery or disposal. Prevent from getting into soil, ditches, sewers, waterways and/or groundwater.

Disposal: Not recyclable. Disposal of this product must be in accordance with all federal, state and local laws.

Windows101

722 S Portland St.
Seattle, WA 98108
206-624-1636

www.windows101.com