Purolite® MB400

Product Data Sheet

Description

- Polystyrenic Gel Cation : Anion Mix
- Regenerable
- Ionic Form H^+/OH^-

Typical Systems

- Coflow regenerated systems
- Counterflow regenerated systems
- Mixed Bed Exchange Systems

Applications

- Demineralisation – Mixed Bed Media Tanks
- Mixed Bed Laboratory Cartridge Systems

Regulatory Approvals

- IFANCA Halal Certified

Typical Packaging

- 50L Plastic Drum

Advantages

- General purpose
- Robust Resin Bead Structure

Typical Physical and Chemical Characteristics

Appearance	Spherical Beads	
Moisture Content	65%	
Particle Size Range	300 - 1200µm	
< 300µm (max.)	1%	
Uniformity Coefficient (max.)	1.7	
Shipping Weight (approx.)	705 - 740g/L (44.1 - 46.2 lb/ft^3)	
Temperature Limit, Non-Regenerable Bed	100°C (212.0°F)	
Temperature Limit, Regenerable Bed	60°C (140.0°F)	
Component Name	Gel Strong Acid Cation	Gel Type I Strong Base Anion
Polymer Structure	Gel polystyrene crosslinked with divinylbenzene	Gel polystyrene crosslinked with divinylbenzene
Functional Group	Sulfonic Acid	Type I Quaternary Ammonium
Ionic Form	H^+ form	OH^- form
Cation/Anion Volumetric Ratio	40%	60%

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