

**Purolite®  
MB400**

**Polystyrenic Gel Mixed Bed  
Resin Hydrogen form Hydroxide  
Form**

**PRINCIPAL APPLICATIONS**

- Demineralization - Mixed Bed
- Cartridges

**TYPICAL PACKAGING**

- 1 CF Sack
- 25 L Sack
- 5 CF Drum (Fiber)

**ADVANTAGES**

- General purpose

**SYSTEMS**

- Coflow regenerated systems
- Counterflow regenerated systems
- Mixed Bed

**REGULATORY APPROVALS**

- IFANCA Halal Certified

**TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:**

Appearance	Spherical beads	
Moisture Content (max.)	65 %	
Particle Size Range	300 - 1200 µm	
< 300 µm (max.)	1 %	
Uniformity Coefficient (max.)	1.7	
Shipping Weight (approx.)	705 - 740 g/L (44.1 - 46.2 lb/ft³)	
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	OH
Cation / Anion Volumetric Ratio	40 %	60 %



**Americas**  
T +1 610 668 9090  
F +1 610 668 8139  
americas@purolite.com

**Europe**  
T +44 1443 229334  
F +44 1443 227073  
europe@purolite.com

**Asia Pacific**  
T +86 571 876 31382  
F +86 571 876 31385  
asiapacific@purolite.com