

# Purolite® C100MBH

**Polystyrenic Gel Strong Acid Cation  
Resin Hydrogen form**

**Mixed Bed Grade**

## PRINCIPAL APPLICATIONS

- Mixed Bed cation component
- Demineralization - Industrial

## TYPICAL PACKAGING

- 1 CF Sack
- 25 L Sack
- 5 CF Drum (Fiber)
- 1 M³ Supersack
- 42 CF Supersack

## ADVANTAGES

- Efficient separation
- Excellent physical and chemical stability
- Good kinetic performance
- High Operating Capacity

## SYSTEMS

- Coflow regenerated systems
- Mixed bed demineralizer

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Sulfonic Acid
Ionic Form	H
Total Capacity	2 eq/L (43.7 Kgr/ft³) (Na form)
Moisture Retention	51 - 55 % (H form)
Particle Size Range	425 - 1200 µm
< 425 µm (max.)	2 %
Uniformity Coefficient (max.)	1.6
Reversible Swelling, Na H (max.)	8 %
Specific Gravity	1.2
Shipping Weight (approx.)	755 - 790 g/L (47.2 - 49.4 lb/ft³)
Temperature Limit	120 °C (248.0 °F)



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