

CERTIFICATE OF ANALYSIS

Purolex MB 400 Ion Exchange Resin

UAB "Chemsys"

 Date: 21th of April 2022

Invoice No:2202CMSLT03

PI №.:2202CMSLT03

Principal applications

- Demineralization
- Mixed Bed Cartridges

Systems

- Coflow regenerated systems
- Counterflow regenerated systems
- Mixed Bed
- Working Mixed Bed

Advantages

- General purpose

Parameter

Appearance	Spherical Beads	
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 %
Moisture Content (max.), (%)	65	
Particle Size Range, µm	300 - 1200	
< 300 µm (max.), (%)	1	
Uniformity Coefficient (max.)	1,7	
Shipping Weight (approx.) g/L (lb/ft ³)	705 – 740 (44,1 – 46,2)	
Temperature Limit, Non-Regenerable Bed, °C (°F)	100 (212,0)	
Temperature Limit, Regenerable Bed, °C (°F)	60 (140,0)	

Typical packaging

- 1 ft³ Sack
- 25 L Sack
- 5 ft³ Drum (Fiber)