PRODUCT DATA SHEET

Chromalite® MCM/F

Carboxymethyl Methacrylate Macroporous Weak Cation Exchanger

The Chromalite® M range of chromatographic resins are hydrophilic, macroporous, methacrylic resins for large-scale applications. Based on a rigid polymeric backbone that ensures excellent pressure-flow properties, they have been designed for high performance, stability and reliability under the conditions of modern industrial bioprocesses.

Chromalite® M resins for ion exchange chromatography include both strong and weak functional groups in both anion and cation exchange processes.

Chromalite® MCM/F is a weak cation exchanger with optimal porosity and high mechanical stability.

This product is manufactured using Jetting technology, our patented process for uniform particle size beads for superior performance.

PRINCIPAL APPLICATIONS

- Ion exchange chromatography
- Vegetable Protein Fractionation
- Protein purification (up to 250 kDa)
- Purification of peptides obtained by fermentation
- Preparative chromatography
- Dairy protein purification and fractionation

TYPICAL PACKAGING

- 25ml
- 100ml
- 500ml
- 1L
- 5L
- 10L

ADVANTAGES

- Hydrophillic
- High mechanical stability
- Uniform particle size

** Shipped in 20% Ethanol*

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Matrix	Methacrylate
Appearance	White Spherical Beads
Particle Size - µm	40 - 90
Functional Group	Carboxymethyl Methacrylate (Na+ form)
Pore Diameter	Approx. 1000 Å
Working pressure (max.)	20 bar
Total Capacity (min.)	40 mg/ml

Purolite® Life Sciences

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

EMEA
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

Recommended Flow Rate	300 - 1000 cm/h
Working Temperature	2 - 60 °C
Optimal storage condition	2 - 20 °C
Supplied as	20% EtOH slurry

Purolite® Life Sciences

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

EMEA
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