

Chromalite® MCM/C

**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/C is a weak cation exchanger with optimal porosity and high mechanical stability.

PRINCIPAL APPLICATIONS

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

TYPICAL PACKAGING

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

ADVANTAGES

- Hydrophilic
- High mechanical stability

** Shipped in wet form*

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Particle Size - µm	100 - 300
Functional Group	Carboxymethyl Methacrylate (Na ⁺ form)
Pore Diameter	1000 Å
Working pressure (max.)	20 bar
Total Capacity (min.)	40 mg/ml
Optimal storage condition	2 - 20 °C
Supplied as	20% EtOH slurry