

Chromalite® MS/F

**Sulfopropyl Methacrylate
Macroporosa Scambiatore
cationico forte**

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 MS/F is a strong 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.

PRINCIPALI APPLICAZIONI

- Cromatografia a scambio ionico
- Purification of peptides obtained by fermentation
- Protein purification (up to 250 kDa)

VANTAGGI

- Hydrophilic
- High mechanical stability
- Uniform particle size

CERTIFICAZIONI

- esente da TSE BSE OGM
- Risoluzione del Consiglio d'Europa ResAP (2004)3
- Halal
- Kosher

IMBALLI TIPICI

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

* Shipped in 20% Ethanol

CARATTERISTICHE CHIMICHE E FISICHE TIPICHE:

Matrix	Methacrylate
Aspetto	White Spherical Beads
Distribuzione granulometrica - µm	40 - 90
Gruppo funzionale	Sulfopropyl / Na+
Diametro dei pori	Approx. 1000 Å
Pressione di lavoro (max.)	20 bar
Capacità totale (min.)	40 mg/ml
Recommended Flow Rate	300 - 1000 cm/h

Working Temperature	2 - 60 °C
Condizioni ottimali di conservazione	2 - 20 °C
Fornito come	20% EtOH slurry

The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, Purolite expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.



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

FSU
T +7 495 363 5056
F +7 495 564 8121
fsu@purolite.com