

Product Data Sheet



SCMP01 MB

Macroporous type strong acid cation exchange resin

SCMP01MB is a premium grade macroporous highly crosslinked strong acid cation exchange resin, which is produced by sulfonated styrene-DVB copolymer.

The particle size is in standard gaussian distribution with 0.5-1.25mm >95%.

Due to high crosslinking and macroporous, SCMP01MB has a high mechanical strength and Dynamic performance, which qualify SCMP01MB a better performance in a high flow rate, a high temperature, a high stress application.

SCMP01MB is usually used as cation of mixed bed ion exchange resin for demineralization.

Basic feature

Application: Demineralization

Matrix: ST-DVB

Type: Macroporous

Functional group: Sulphonic acid

Ionic form: Sodium form

Appearance: Camel Spherical beads

Physical and Chemical Properties:

1	Total exchange capacity (eq/L)	Na+ form	≥1.8
2	Moisture retention (%)	Na+ form	48-53
3	Particle size range (%)	0.5-1.2 mm	≥95
4	Whole beads count (%)		≥96
5	Shipping weight (g/ml)	Na+ form	0.79-0.825
6	Specific gravity (g/ml)	Na+ form	1.25
7	Uniformity coefficient		<1.6
8	Tempt. Limit	Na+ form	120°C
9	Tempt. Limit	H+ form	140°C

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