

Technical data sheet

BMC 580

BMC 580 is a bulk moulding compound based on an unsaturated polyester resin reinforced with natural fibres. This BMC has been developed for industrial application

BMC 580 is formulated according to RoHS, REAC regulation (SVHC) and WEEE European legislation.

Typical material properties

CHARACTERISTICS	METHOD	UNIT	VALUE
Linear shrinkage	ISO 2577	%	0,3
Density	ISO 1183	g/cm ³	1,6
Flexural strength	ISO 14125A	MPa	50
Flexural modulus	ISO 14125A	MPa	7.000
Impact strength (Charpy)	ISO 178	KJ/m ²	10

Properties were determined on compression-moulded specimens according UNIPLAST rules project 412 and 413

Storage and processing conditions

Storage	in a dry place at 15-25°C, out of direct sunlight
Moulding time	30 s/mm
Moulding pressure	60 - 110 bar
Moulding temperature	140 - 160°C

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