

## Technical data sheet

### BMC 700-23 VE C

**BMC 700-23 VE C** is a bulk moulding compound based on vinylester resin and reinforced with glass fibres. **BMC 700-23 VE C** joint good mechanical properties and high chemical resistance. This BMC has been developed for application where is requested anti-static protection.. **BMC 700-23 VE C** is formulated according to RoHS, REAC regulation (SVHC) and WEEE European legislation.

#### Typical material properties

CHARACTERISTICS	METHOD	UNIT	VALUE
Glass fibre content		%	23
Linear shrinkage	ISO 2577	%	0,0
Density	ISO 1183	g/cm <sup>3</sup>	1,7
Water absorption	ISO 62 Met. 1	%	≤0,2
Flexural strength	ISO 14125A	MPa	100
Flexural modulus	ISO 14125A	MPa	10.000
Impact strength (Charpy)	ISO 179	KJ/m <sup>2</sup>	35
Rockwell hardness (M scale)	ISO 2039-2	HRm	80
Heat Distortion Temperature HDT	ISO 75	°C	>200
Surface resistivity	IEC 60093	Ω	<10 <sup>9</sup>

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

#### Storage and processing conditions

Storage	at 15-25°C, in dry ambient and out of direct sun light
Moulding time	30 s/mm
Moulding pressure	60 - 110 bar
Moulding temperature	140 - 160°C

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