

## Technical data sheet

### SMC LPMC 7200

**SMC LPMC 7200** is a sheet moulding compound based on an unsaturated polyester resin reinforced with glass fibres. **SMC LPMC 7200** is studied to be moulded at low pressure and has been developed for co-moulding with phenolic foam.

**SMC LPMC 7200** is formulated according to RoHS, REAC regulation (SVHC) and WEEE European legislation.

#### Typical material properties

CHARACTERISTICS	METHOD	UNIT	VALUE
Mass per unit area	ISO 10352	Kg/m <sup>2</sup>	3,0
Quantity of glass	ISO 11667	%	13
Length of glass		mm	25
Linear shrinkage	ISO 2577	%	0,1
Density	ISO 1183	g/cm <sup>3</sup>	1,6
Water absorption	ISO 62 Met. 1	%	≤ 0,5
Flexural strength	ISO 14125A	MPa	90
Flexural modulus	ISO 14125A	MPa	9000
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

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	40 s/mm
Moulding pressure	20 - 100 bar
Moulding temperature	140 - 160°C

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