

## Technical data sheet

### SMC SF 12/25 RN-1090

#### material properties

characteristics	method	unit	value
surface weight	ISO 10352	g/m <sup>2</sup>	4.000
fibre mass content	ISO 1172	%	25
fibre length	PA 3.01	mm	25
curing time	ISO 12114/1	sec.	65
specific density	ISO 1183 A	g/cm <sup>3</sup>	1,87
shrinkage	ISO 2577	%	0,08
flexural modulus	ISO 14125	N/mm <sup>2</sup>	10.500
flexural strength	ISO 14125	N/mm <sup>2</sup>	170
impact strength	ISO 179	KJ/m <sup>2</sup>	65

Properties were determined on compression-moulded specimens according DIN EN 14598

#### storage and processing conditions

storage condition	store dry at max. 25 °C and out of direct sun light
moulding time	> 25 sec./mm
moulding pressure	80 – 120 bar
moulding temperature	> 135 - 155 °C

This technical leaflet issued in the month of February 2016 replaces any other version printed before.

Disclaimer: The information on this product data sheet is based on our most up-to-date knowledge.

However, it is the user's responsibility to determine the suitability of a product for their application.

Information and recommendations contained in this document are given in good faith without warranty or guarantee, and it is the user that is responsible for the compliance with all legal requirements.

The user is urged to carry out tests for themselves to determine the suitability of any product for their proposed applications. Please ensure that you always have the latest version of the data sheet.

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