

Technical data sheet

LPMC 12/25 RN-Colour

material properties

characteristics	method	unit	value
surface weight	ISO 10352	g/m ²	4.000
fibre 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 ³	1,80
shrinkage	ISO 2577	%	0,00
flexural modulus	ISO 14125	N/mm ²	9.200
flexural strength	ISO 14125	N/mm ²	160
tensile strength	ISO 527-4	N/mm ²	65
tensile modulus	ISO 527-4	N/mm ²	9.500
impact strength	ISO 179	kJ/m ²	65
heat distortion temperature	ISO 75-2°	°C	> 200
dielectric strength	IEC 60243-1	kV/mm	> 15
long-term heat resistance @ 20.000h	IEC 60216	°C	145
oxygen index	ISO 4589	%	22
specific volume resistance	IEC 60093	Ohm x cm	10 ¹³
surface resistance	IEC 60093	Ohm	10 ¹⁴
tracking resistance	IEC 60112	level	CTI 600
water absorption	ISO 62	mg	< 50

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	> 20 bar
moulding temperature	130 - 150°C

This technical leaflet issued in the month of December 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.

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