

Technical data sheet

HUP 16/23 RB-7035/V

material properties

characteristics	method	unit	value
surface weight	ISO 10352	g/m ²	5.050
fibre content	ISO 1172	%	25
fibre length	DF PA3.01	mm	25
curing time	ISO 12114/1	sec.	55
specific density	ISO 1183 A	g/cm ³	1,76
shrinkage	ISO 2577	%	0,07
flexural modulus	ISO 14125	N/mm ²	110
flexural strength	ISO 14125	N/mm ²	9.000
impact strength	ISO 179	KJ/m ²	50
long-term thermal resistance @ 20.000 h	IEC 216	°C	Ti = 145
heat distortion temperature	ISO 75-2°	°C	180
incandescence bar test	IEC 707	level	3a
dielectric strength	IEC 243-1	KV/mm	20
dielectric constant @ 1000 Hz	IEC 250	-	4,5
dielectric loss factor @ 1000 Hz	IEC 250	tan s	0,02
specific volume resistance	IEC 93	Ohm x cm	10 ¹³
surface resistance	IEC 93	Ohm	10 ¹⁴
tracking resistance	IEC 112	level	CTI 600
water absorption	ISO 62	%	< 0,30

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 - 100 bar
moulding temperature	135 - 155 °C

This technical leaflet issued in the month of December 2013 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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