

Technical data sheet

HUP 21/25 RB-colour

material properties

characteristics	method	unit	value
fibre content	ISO 11667	%	25
fibre length	PA 3.01	mm	25
reactivity at 145°C	ISO 12114/1	sec.	50
density	ISO 1183 A	g/cm ³	1,60
shrinkage	ISO 2577	%	0,10
flexural strength	ISO 14125	N/mm ²	120
flexural modulus	ISO 14125	N/mm ²	7.000
impact strength	ISO 179	KJ/m ²	40
heat distortion temperature	ISO 75-2a	°C	> 160
flammability	UL-94	level	HB / 3,0 mm
dielectric strength	IEC 243-1	KV/mm	20
dielectric constant at 1000 Hz	IEC 250	---	4,5
dielectric loss factor at 1000 Hz	IEC 250	tan s	0,02
surface resistance	IEC 93	Ohm	10 ¹³
specific volume resistance	IEC 93	Ohm x cm	10 ¹⁴
tracking resistance	IEC 112	level	CTI 600
water absorption	ISO 62	%	< 0,50

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	> 20 sec./mm
moulding pressure	80 - 100 bar
moulding temperature	140 - 155 °C

This technical leaflet issued in the month of May 2014 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.

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