

Technical data sheet

HUP 23/20 RN-Colour

material properties

characteristics	method	unit	value
surface weight	ISO 10352	g/m ²	4.000
fibre content	ISO 1172	%	20
fibre length	DF PA3.01	mm	25
curing time	ISO 12114/1	sec.	90
specific density	ISO 1183 A	g/cm ³	1,68
shrinkage	ISO 2577	%	0,05
flexural modulus	ISO 14125	N/mm ²	8.700
flexural strength	ISO 14125	N/mm ²	125
impact strength	ISO 179	KJ/m ²	55
heat distortion temperature	ISO 75-2°	°C	> 200
flammability	UL-94	level	V 0 / 3,2 mm
limited oxygen index	ISO 4589	%	34
dielectric strength	IES 60243-1	KV/mm	20
tracking resistance	IEC 60112	level	CTI 600
specific volume resistance	IEC 60093	Ohm x cm	10 ¹⁴
surface resistance	IEC 60093	Ohm	10 ¹³
thermal expansion coefficient	ASTM 696	Ppm * K ⁻¹	33,07
thermal conductivity	ASTM E 146-01	W(m*K)	0,69
arc resistance	ASTM D 495	s	183
water absorption	ISO 62	%	< 0,12

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 October 2015 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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