

## Technical data sheet

### HUP 16/20 RB-colour

#### material properties

characteristics	method	unit	value
surface weight	ISO 10352	g/m <sup>2</sup>	6.000
fibre content	ISO 1172	%	20
fibre length	DF PA3.01	mm	25/50
curing time	ISO 12114/1	sec.	60
spec. density	ISO 1183 A	g/cm <sup>3</sup>	1,80
shrinkage	ISO 2577	%	0,13
flexural modulus	ISO 14125	N/mm <sup>2</sup>	9.000
flexural strength	ISO 14125	N/mm <sup>2</sup>	120
impact strength	ISO 179	KJ/m <sup>2</sup>	50
heat distortion temperature	ISO 75-2°	°C	> 200
incandescence bar test	IEC 707	level	BH 2 / 10mm
glow wire test @ 3,0 mm	IEC 60695-2	°C	960/passed
dielectric strength	IEC 243-1	KV/mm	20
dielectric constant	IEC 250	---	4,5
dielectric loss factor	IEC 250	tan s	0,05
volume resistance	IEC 93	Ohm x cm	10 <sup>13</sup>
surface resistance	IEC 93	Ohm	10 <sup>12</sup>
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 bar
moulding temperature	130 - 150 °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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