

## Technical data sheet

### HUP 17/25 RB-Colour

#### material properties

characteristics	method	unit	value
surface weight	ISO 10352	g/m <sup>2</sup>	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 <sup>3</sup>	1,77
shrinkage	ISO 2577	%	0,10
flexural modulus	ISO 14125	N/mm <sup>2</sup>	9.500
flexural strength	ISO 14125	N/mm <sup>2</sup>	150
tensile strength	ISO 179	KJ/m <sup>2</sup>	55
impact strength	ISO 527-4	N/mm <sup>2</sup>	65
heat distortion temperature	ISO 75-2°	°C	> 200
flammability	UL 94	level	V 0 / 3,5 mm
glow wire test	IEC 60695-2-1	thickness / °C	> 2,00 mm / 960
glow wire test (punched plate)	IEC 60695-2-1	thickness / °C	> 2,55 mm / 960
incandescence bar test	ISO 707/VDE 0304 part 3	classification	FH – 40mm
dielectric strength	IEC 60243-2-1	KV/mm	22
dielectric constant @ 1000 Hz	IEC 60250	-	4,5
dielectric loss factor @ 1000 Hz	IEC 60250	tan s	0,02
specific volume resistance	IEC 60093	Ohm x cm	10 <sup>14</sup>
surface resistance	IEC 60093	Ohm	10 <sup>13</sup>
tracking resistance	IEC 60112	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 - 120 bar
moulding temperature	140 - 150 °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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