

## Technical data sheet

### HUP 19/27 RB-colour/UL

(File-No. E167289, HUP 19 (R)(A)(B) )

#### material properties

characteristics	method	unit	value
surface weight	ISO 10352	g/m <sup>2</sup>	4:000
fibre content	ISO 1172	%	27
fibre length	DF PA3.01	mm	25
curing time	ISO 12114/1	sec.	65
specific density	ISO 1183 A	g/cm <sup>3</sup>	1,76
shrinkage	ISO 2577	%	0,10
flexural modulus	ISO 14125	N/mm <sup>2</sup>	10.500
flexural strength	ISO 14125	N/mm <sup>2</sup>	160
impact strength	ISO 179	KJ/m <sup>2</sup>	65
heat distortion temperature	ISO 75-2°	°C	> 200
flammability	UL-94	level	V 0 / 3,0mm
dielectric strength	IEC 243-1	KV/mm	> 15
continuous operating temperature	IEC 216	°C	145
specific volume resistance	IEC 93	Ohm x cm	10 <sup>14</sup>
surface resistance	IEC 93	Ohm	10 <sup>13</sup>
tracking resistance	IEC 112	Level	CTI 600
water absorption	ISO 62	%	< 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	> 25 sec./mm
moulding pressure	80 - 120 bar
moulding temperature	130 - 150 °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.

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