

## Technical data sheet

### HUP 45/27 RN-colour

#### material properties

characteristics	method	unit	value
surface weight	ISO 10352	g/m <sup>2</sup>	3.600
fibre content	ISO 1172	%	27
fibre length	DF PA3.01	mm	25
specific density	ISO 1183 A	g/cm <sup>3</sup>	1,88
shrinkage	ISO 2577	%	0,03
flexural modulus	ISO 14125	N/mm <sup>2</sup>	12.000
flexural strength	ISO 14125	N/mm <sup>2</sup>	160
tensile strength	ISO 527-4	N/mm <sup>2</sup>	70
impact strength	ISO 179	KJ/m <sup>2</sup>	80
heat distortion temperature	ISO 75-2°	°C	> 200
limited oxygen index	ISO 4589	%	44
flammability	UL-94	level	V 0 / 2,5 mm
hazard level (acc. requirement R1, unpainted)	CEN/TS 45545-2-2009	category	HL 2
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	%	< 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	> 30 sec./mm
moulding pressure	80 - 120 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.

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