

## Technical data sheet

### HUP 13/28 RN-colour

#### material properties

characteristics	method	unit	value
surface weight	ISO 10352	g/m <sup>2</sup>	4.500
fibre content	ISO 1172	%	28
fibre length	DF PA3.01	mm	25
specific density	ISO 1183 A	g/cm <sup>3</sup>	1,76
shrinkage	ISO 2577	%	0,03
flexural modulus	ISO 14125	N/mm <sup>2</sup>	9.500
flexural strength	ISO 14125	N/mm <sup>2</sup>	180
tensile strength	ISO 527-4	N/mm <sup>2</sup>	80
impact strength	ISO 179	KJ/m <sup>2</sup>	80
heat distortion temperature	ISO 75-2°	°C	> 200
incandescence bar test	IEC 707	level	BH 2 / < 10 mm
flammability	UL-94	level	V 0 / 4 mm
fire behaviour	DIN 5510-2	level	S4 / SR2 /ST2
toxicity	DIN 5510-2	FED	(t <sub>zui</sub> =15min) ≤ 1 (t <sub>zui</sub> =30min) ≤ 1
glow wire test at 960 °C	IEC 60695-11-20	sec.	no flame
low oxygen index	ISO 4589	%	36
surface resistance	IEC 93	Ohm	10 <sup>14</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 - 120 bar
moulding temperature	135 - 155 °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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