

Technical data sheet

HUP 171/28 RB-colour

material properties

characteristics	method	unit	value
surface weight	ISO 10352	g/m ²	4.000
fibre content	ISO 1172	%	28
fibre length	PA 3.01	mm	25
specific density	ISO 1183 A	g/cm ³	1,75
shrinkage	ISO 2577	%	0,10
flexural modulus	ISO 14125	N/mm ²	10.000
flexural strength	ISO 14125	N/mm ²	160
tensile strength	ISO 527-4	N/mm ²	75
impact strength	ISO 179	KJ/m ²	60
heat distortion temperature	ISO 75-2°	°C	> 200
fire resistance	UL 94	level	V 0 / 3,5 mm
outdoor suitability	UL 746 C	level	(f1)
tracking resistance	IEC 112	level	CTI 600
specific volume resistance	IEC 93	Ohm x cm	10 ¹⁴
surface resistance	IEC 93	Ohm	10 ¹³
water absorption	ISO 62	mg	< 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.

Information and recommendations contained in this document are given in good faith without warranty or guarantee, and it is the user that is responsible for the compliance with all legal requirements.

The user is urged to carry out tests for themselves to determine the suitability of any product for their proposed applications. Please ensure that you always have the latest version of the data sheet.

All the trademarks, trade names, logos and other indications of origin mentioned on the product data sheet are property rights of Polynt GmbH