

Technical data sheet

HUP 25/35 RB-colour

material properties

characteristics	method	unit	value
surface weight	ISO 10352	g/m ²	3.600
fibre content	ISO 1172	%	35
fibre length	PA 3.01	mm	25
curing time	ISO 12114/1	sec.	60
specific density	ISO 1183 A	g/cm ³	1,82
shrinkage	ISO 2577	%	0,05
flexural modulus	ISO 14125	N/mm ²	12.000
flexural strength	ISO 14125	N/mm ²	220
tensile strength	ISO 527-4	N/mm ²	110
tensile modulus	ISO 527-4	N/mm ²	11.500
impact strength	ISO 179	KJ/m ²	95
heat distortion temperature	ISO 75-2°	°C	> 200
flame resistance	UL 94	level	V 0 / 3,6 mm
dielectric strength	IEC 60243-1	KV/mm	20
dielectric constant @ 1000 Hz	IEC 60250	-	4,0
dielectric loss factor @ 1000 Hz	IEC 60250	tan s	0,01
specific volume resistance	IEC 60093	Ohm x cm	10 ¹⁴
surface resistance	IEC 60093	Ohm	10 ¹³
tracking resistance	IEC 60112	level	CTI 600
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 June 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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