

Technical data sheet

HUP 29/25 RB-1090

material properties

characteristics	method	unit	value
surface weight	ISO 10352	g/m ²	4.000
fibre content	ISO 1172	%	25
reactivity at 145 °C	ISO 12114/1	sec.	85
specific density	ISO 1183 A	g/cm ³	2,00
shrinkage	ISO 2577	%	- 0,05
flexural modulus	ISO 14125	N/mm ²	10.000
flexural strength	ISO 14125	N/mm ²	130
tensile strength	ISO 527-4	N/mm ²	60
impact strength	ISO 179	KJ/m ²	70
heat distortion temperature	ISO 75-2°	°C	> 200
flammability	UL 94	level	V0 / 1,1 mm
oxygen index	ISO 4589	%	100
average calorific value	NFPA 259	kJ/kg	5.400
smoke density	BS 6853: 1999 Annex D.8.4.	level	CTI 600
toxic fume	BS 6853: 1999 Annex B.2.	level	passed
tracking resistance	IEC 112	level	passed
volume resistance	IEC 93	Ohm x cm	10 ¹⁴
surface resistance	IEC 93	Ohm	10 ¹³
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	> 100 bar
moulding temperature	150 - 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.

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.

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