

Technical data sheet

HUP 31838/30 RN-1090

material properties

characteristics	method	unit	value
surface weight	ISO 10352	g/m ²	3.000
fibre content	ISO 1172	%	30
fibre length	DF PA3.01	mm	25
curing time	ISO 12114/1	sec.	110
specific density	ISO 1183 A	g/cm ³	1,62
shrinkage	ISO 2577	%	0,03
flexural modulus	ISO 14125	N/mm ²	8.000
flexural strength	ISO 14125	N/mm ²	150
impact strength	ISO 179	KJ/m ²	65
heat distortion temperature	IEC 216	°C	> 200
flame resistance	UL 94	level	V 0 / 2,0 mm
fire test aviation	CS/JAR/FAR 25.853 App. F, Part I,a-1. li		passed / 1,2 mm
Airbus Industry Directive	AITM 2.0002 B	ABD0031	complies
dielectric strength	IEC 243-1	KV/mm	> 10
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	140 - 150 °C

This technical leaflet issued in the month of April 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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