

WOVEN FABRIC

Technical Data Sheet

Carbon Fabric	200g Twill Weave Veil Backed Carbon Fibre Cloth			
CHARACTERISTICS	<i>Nominal</i>	<i>UM</i>	<i>Tolerance</i>	<i>Normative</i>
<i>Mass per unit area</i>	206	g/m ²	± 5%	ISO 4605
<i>Weave</i>	<i>2X2 Twill</i>			ISO 2113
<i>Width</i>	1000/1200/1270	mm	± 2,5%	ISO 22198
<i>Thickness</i>	0,19	mm	± 2,5%	ISO 5084(**)
<i>Other informations</i>	<i>Thermofixed Fabric</i>			
Nominal Construction	WARP		WEFT	
<i>Fiber Description</i>	HS Carbon Fiber HTA 40 E13 - 3K		HS Carbon Fiber HTA 40 E13 - 3K	
<i>Fiber Producer</i>	TOHO TENAX		TOHO TENAX	
<i>Thread Count</i>	5,0 ends/cm	ISO 4602	5,0 ends/cm	ISO 4602
<i>Weight Distribution</i>	100 g/m ²	49%	100 g/m ²	49%
<i>Selvages</i>	Weaving style	LENO	Type of Fiber	HM polyester 22 tex
Fixation Properties	Mechanical Properties of Fiber			
<i>Type:</i> Copolyamide	<i>Fiber</i>		<i>Strength (nominal)</i>	<i>Modulus (nominal)</i>
<i>Mass per unit area:</i> 6 g/m ²	HTA 40 E13 - 3K		3950 MPa	238 GPa
<i>Melting Range:</i> 120-130 °C				
<i>Heat Resistance:</i> 105 °C				

(**) Theoretical thickness for an epoxy laminate with 40% of reinforcement in volume.

Note : Technical information furnished is based on laboratory findings and believed to be correct. No warranties of any kind are made except that the materials supplied are of standard quality. All risk and liabilities arising from handling, storage and use of products, as well as compliance with applicable legal restrictions, rests with the user.

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