Technical data sheet

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Ed.2 Rev.0

WOVEN FABRIC

Carbon Fabric / Product Description: **GG-120 P**

CHARACTERISTICS	NOMINAL	UM	TOLERANCE	NORMATIVE
Mass unit per area	118	g/m^2	5,0%	ISO 3374
Weave	Plain			ISO 2113
Width	from 800 to 1200	mm	2,5%	ISO 22198
Thickness	0,11	mm	5,0%	ISO 5084 (**)
Other informations	Loomstate			

NOMINAL CONSTRUCTION	WRAP		WEFT	
1st fiber description	HR Carbon Fiber - T300B 50B - 1K		HR Carbon Fiber - T300B 50B - 1K	
1st fiber producer	TORAY		TORAY	
2nd fiber description				
2nd fiber producer				
Thread count - 1st fiber	9,00 ends/cm ±2%	ISO 4602	9,00 ends/cm ±2%	ISO 4602
Thread count - 2nd fiber				
Weight distribution - 1st fiber	59 g/m^2	50,0%	59 g/m^2	50,0%
Weight distribution - 2st fiber				
Weight distribution	50,0%		50,0%	
Selvadges	Weaving style	LENO	Type of fiber	HM polyster 22 tex

MECHANICAL PROPERTIES OF FIBER	STRENGHT (nominal)	MODULUS (nominal)
T300B 50B - 1K	3530 MPa	230 GPa

(**) Theorical 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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