WOVEN FABRIC

Product Description: **GG-160 P**

Carbon Fabric

CHARACTERISTICS	NOMINAL	UM	TOLERANCE	NORMATIVE
Mass unit per area	160	g/m^2	5,0%	ISO 3374
Weave	Plain			ISO 2113
Width	from 100 to 1270	mm	2,5%	ISO 22198
Thickness	0,15	mm	5,0%	ISO 5084 (**)
Other informations	Loomstate			

NOMINAL CONSTRUCTION	WARP		WEFT	
1st fiber description	HS Carbon Fiber - HexTow AS4C - 3K		HS Carbon Fiber - HexTow AS4C - 3K	
1st fiber producer	HEXCEL		HEXCEL	
2nd fiber description				
2nd fiber producer				
Thread count - 1st fiber	4,00 ends/cm ±2%	ISO 4602	4,00 ends/cm ±2%	ISO 4602
Thread count - 2nd fiber				
Weight distribution - 1st fiber	80 g/m^2	50,0%	80 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)
HexTow AS4C - 3K	4550 MPa	231 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.
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