



Cristex Composite Materials

Product: **GG 101 P**

Woven Fabric Data Sheet:

Characteristics		Nominal	Tolerance	Normative
Mass per unit area	gr/sqm	100	± 5%	ISO 4605
Weave		Plain		ISO 2113
Standard width	mm	1000	± 2.5%	
Laminate thickness	mm	0.11	± 2.5%	(**)
Other information		Loomstate		

Nominal Construction		Warp		Weft	
Fibre description		HR Carbon Fibre TC33 - 1.5K - 100 tex		HR Carbon Fibre TC33 - 1.5K - 100 tex	
Carbon Fibre producer		TAIRYFILL		TAIRYFILL	
Thread count	ends/cm	5.0	ISO 4602	5.0	ISO 4602
Weight distribution	gr/sqm	1.5K Carbon Fibre	50	1.5K Carbon Fibre	50
	%		100%		100%
		Weaving style: LENO		Type of fibre: HM polyester 22 tex	

Mechanical properties of fibre	Strength (nominal)		Modulus (nominal)	
Tairyfill TC-33 1.5K	3450	Mpa	230	Gpa

(**) 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.