



Cristex Composite Materials

Product: **TCU 1200**

Woven UD Carbon Tape Data Sheet:

Characteristics		Nominal	Tolerance	Normative
Mass per unit area	gr/m ²	1235	± 5%	ISO 4605
Weave		Plain		ISO 2113
Standard width	mm	From 20mm – 230mm	± 2.5%	ISO 22198
Laminate thickness	mm	1.420	± 2.5%	ISO 5084(**)
Other information		Loomstate		

Nominal Construction		Warp		Weft	
Fibre description		HR Carbon Fibre TR50S 24K 1600 tex		E Glass Fibre EC 9 136 tex	
Fibre Producer		Mitsubishi GRAFIL			
Thread count	ends/cm	7.50	ISO 4602	1.2 x 2	ISO 4602
Weight distribution	gr/m ²	TR50S 24K 1600 tex	1200	EC 9 136 tex	33
	%		100%		100%
Weight Rate	%	97%		3%	
Selvages		Weaving Style	LENO	Type of Fibre	HM Polyester 22 tex

(**) 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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