



# Cristex Composite Materials

Product: **TCU 800**

Woven UD Carbon Tape Data Sheet:

Characteristics		Nominal	Tolerance	Normative
Mass per unit area	gr/sqm	833	± 5%	ISO 4605
Weave		Plain		ISO 2113
Standard width	mm	From 10mm – 200mm	± 2.5%	ISO 22198
Laminate thickness	mm	0.81	± 2.5%	ISO 5084(**)
Other information				

Nominal Construction		Warp		Weft	
Fibre description		Toray T700SC – F0E 24K - 1600 tex		Glass Fibre EC 9 136 tex	
Thread count	ends/cm	5.0	ISO 4602	1.2 x 2	ISO 4602
Weight distribution	gr/m <sup>2</sup>	24K Carbon fibre	800	Glass fibre	33
	%		96%		4%

(\*\*) 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.

Date of issue: 06/06/2013