



# Cristex Composite Materials

Product: **DYF15-160T**

Woven Carbon Fabric Data Sheet:

Characteristics		Nominal	Tolerance	Normative
Mass per unit area	gr/sqm	160	± 5%	ISO 4605
Weave		2/2 Twill		ISO 2113
Standard width	mm	1000	± 2.5%	
Laminate thickness	mm	0.16	± 2.5%	ISO 5084(**)
Other information		Dyanotex flat fabric		

Nominal Construction		Warp		Weft	
Fibre description		Dyanotex 15mm TR 50S 15K – 1000 tex		Dyanotex 15mm TR 50S 15K – 1000 tex	
Carbon Fibre Producer		GRAFIL		GRAFIL	
Thread count	ends/cm	0.66	ISO 4602	0.66	ISO 4602
Weight distribution	g/m <sup>2</sup>	15K carbon fibre:	80	15K carbon fibre	80
	%		50%		50%
Selvages		Weaving style	LENO	Type: Thermofix glass	1670 dtex

Mechanical Properties of fibre		Strength		Modulus	
Grafil TR50S	15K	4900	Mpa	240	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. Date of issue: 06/06/2013