



# Balanced Carbon Fabric

## WOVEN FABRIC DATA SHEET

**G. Angeloni** reference

**DYF 15 - 160 T**

CHARACTERISTICS		Nominal	Tolerance	Normative
Mass per unit area	gr/sqm.	<b>160</b>	± 5%	ISO 4605
Weave		2 X 2 Twill		ISO 2113
Standard Width	mm.	1000	± 2,5%	
Laminate thickness	mm.	0,16	± 2,5%	(**)
Other informations		Dyanotex flat fabric		

Nominal Construction		WARP	WEFT
Fibre description		Dyanotex 15 mm TR 50S 15K - 1000 tex	Dyanotex 15 mm TR 50S 15K - 1000 tex
Carbon fiber producer		GRAFIL	GRAFIL
Thread Count	ends/cm.	<b>0,66</b> ISO 4602	<b>0,66</b> ISO 4602
Weight distribution	gr/sqm.	15k carbon fibre : <b>80</b>	15k carbon fibre : <b>80</b>
	%	50%	50%
Selvages		weaving style : LENO	Type : thermofix glass 1670 dtex

Mechanical Properties of fiber		Strength	Modulus
Grafil TR50S	15K	4900 Mpa	240 Gpa

(\*\*) Theoretical thickness for an epoxy laminate with 40% of reinforcement in volume.

Date of Issue	18/10/2009	No. of Pages	1
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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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