



Balanced Carbon Fabric

WOVEN FABRIC DATA SHEET

G. Angeloni reference

DYF 15 - 160 T Alu

CHARACTERISTICS	
Mass per unit area	g/m ²
Weave	
Standard Width	mm
Laminate thickness	mm
Other informations	

Nominal	Tolerance	Normative
160	± 5%	ISO 4605
2 X 2 Twill		ISO 2113
1000	± 2,5%	
0,16	± 2,5%	ISO 5084(**)
Dyanotex flat fabric- Aluminized weft		

Nominal Construction	
Fibre description	
Carbon fiber producer	
Thread Count	ends/cm
Weight distribution	g/m ²
	%

WARP		WEFT	
Dyanotex 15 mm TR 50S 15K - 1000 tex		Aluminized Dyanotex 15 mm TR 50S 15K - 1000 tex	
GRAFIL		GRAFIL	
0,66	ISO 4602	0,66	ISO 4602
15k carbon fibre :	80 50%	15k carbon fibre :	80 50%

Selvages

weaving style :	LENO	Type :	thermofix glass 1670 dtex
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Mechanical Properties of fiber	
Grafil TR50S	15K

Strength		Modulus	
4900	Mpa	240	Gpa

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

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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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