



WOVEN FABRIC TECHNICAL DATA SHEET

Product Reference: DYF 15 - 160 P ALU

Characteristics		Nominal	Tolerance	Normative
Mass per unit area	g/m ²	160	± 5%	ISO 4605
Weave		Plain		ISO 2113
Width	mm	1000	± 2,5%	ISO 22198
Laminate thickness	mm	0.16	± 2,5%	ISO 5084
Other information		Dyanotex Flat Fabric – Aluminized weft		

Nominal Construction		Warp		Weft	
Fibre Description		Dyanotec 15mm TR 50S 15K – 1000 tex		Dyanotec 15mm TR 50S 15K – 1000 tex	
Fibre Producer		GRAFIL		GRAFIL	
Thread Count	Ends/cm	0.66	ISO 4602	0.66	ISO 4602
Weight Distribution	g/m ²	15K Carbon fibre	80	15K Carbon fibre	80
	%		50%		50%
Selvedges		Weaving Style	LENO	Type of fibre	Thermofix glass 1670 dtex

Mechanical Properties of Fibre	Strength	Modulus
TR50S – 15K (GRAFIL)	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.