

DYF 15 - 160 P ALU2 (aluminium effect)
160 g/m² Spread Tow Plain Carbon Fabric

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
Thickness	mm	0,15	±2,5%	ISO 5084 (**)
Other informations		from Dynanotex Unidirectional		

Nominal Construction	WARP		WEFT	
Fiber Description	Dynanotex HS15 80 DLN2 15 mm - 15K - 1000 tex Coated by aluminum powder		Dynanotex HS15 80 DLN2 15 mm - 15K - 1000 tex Coated by aluminum powder	
Fiber Producer	Mitsubishi Grafil		Mitsubishi Grafil	
Thread Count	0,66 ends/cm	ISO 4602	0,66 ends/cm	ISO 4602
Weight Distribution	TR50 - 15K Carbon fiber	80 g/m ²	TR50 - 15K Carbon fiber	80 g/m ²
		50%		50%
Selvages	Weaving style	LENO	Type of Fiber	HM polyester 22 tex

Mechanical properties	Strength (nominal)	Modulus (nominal)
MITSUBUSHI GRAFIL: TR50 - 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.