



# Cristex Composite Materials

Product: **GG 370 P**

Woven Carbon Data Sheet:

Characteristics		Nominal	Tolerance	Normative
Mass per unit area	gr/sqm	368	± 5%	ISO 4605
Weave		Plain		ISO 2113
Standard width	mm	1000	± 2.5%	ISO 22198
Laminate thickness	mm		± 2.5%	ISO 5084(**)
Other information		Loomstate		

Nominal Construction		Warp		Weft	
Fibre description		HR Carbon Fibre TR50S 6K 400 tex		HR Carbon Fibre TR50S 6K 400 tex	
Fibre Producer		Mitsubishi - GRAFIL		Mitsubishi - GRAFIL	
Thread count	ends/cm	4.6	ISO 4602	4.6	ISO 4602
Weight distribution	gr/sqm	6K Carbon	184	6K Carbon	184
	%		50%		50%
Weight rate	%	50%		50%	
Selvages		Weaving Style	LENO	Type of Fibre	HM polyester 22 tex

Mechanical Properties of Fibre	Strength (nominal)	Modulus (nominal)
Mitsubishi Grafil TR50S 6K	4900 Mpa	235 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.

