



# Cristex Composite Materials

Product: **GK 165 P**

Hybrid Fabric Data Sheet:

Characteristics		Nominal	Tolerance	Normative
Mass per unit area	gr/sqm	168	± 5%	ISO 4605
Weave		Plain		ISO 2113
Standard width	mm	1000/1200	± 2.5%	
Laminate thickness	mm	0.18	± 15%	ISO 5084
Other information		Loomstate		

Nominal Construction		Warp		Weft	
Fibre description		3K Carbon Fibre 200 tex HM Aramid 1610 dtex		3K Carbon Fibre 200 tex HM Aramid 1610 dtex	
Thread count	ends/cm	4.60	ISO 4602	4.60	ISO 4602
Weight rate	%	52%		48%	
Weight distribution	gr/sqm	3K Carbon Fibre	62 71%	3K Carbon Fibre	31 38%
	gr/sqm	HM Aramid	25 29%	HM Aramid	50 62%

(\*\*) Theoretical thickness of 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.