



Cristex Composite Materials

Product: **V 6039 KNOT**

Woven Alutex Fabric Data Sheet:

Characteristics		Nominal	Tolerance	Normative
Mass per unit area	gr/sqm	295	± 5%	ISO 4605
Weave		BA 8106/2		ISO 2113
Standard width	mm	1000	± 2.5%	
Laminate thickness	mm	0.29	± 5%	ISO 5084(**)
Finish		Type 112		
Nature of metal coating		Aluminium powder – 1 side		
Coating Thickness		10 microns	± 8%	

Nominal Construction		Warp		Weft	
Fibre description		E Glass EC 9 68 tex		E Glass EC 9 136 tex	
Thread count	ends/cm	22.0	ISO 4602	11.0	ISO 4602
Weight distribution	g/m ²	Glass Fibre	145	Glass Fibre	145
	%		52%		48%
Tensile Strength N/cm		600	ISO 4606	600	ISO 4606

(**) 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.

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