

WOVEN FABRIC TECHNICAL DATA SHEET

Product Reference: VK 390 T + Mat 225

Characteristics		Nominal	Tolerance	Normative
Mass per unit area	g/m ²	621	± 5%	ISO 4605
Weave		2/2 Twill		ISO 2113
Width	mm	1270	± 2,5%	ISO 22198
Thickness	mm	0.7	± 2,5%	ISO 5084(**)
Other information		Knitted 225 CSM over hybrid fabric		

Nominal Construction		Warp		Weft	
Fibre Description		HM Aramid 2420 dtex Glass Roving 600 tex		HM Aramid 2420 dtex Glass Roving 600 tex	
Thread Count	ends/cm	4.60	ISO 4602	4.60	ISO 4602
Weight Distribution	g/m ²	Glass Roving 300 tex	138	Glass Roving 300 tex	138
	%		70%		70%
	g/m ²	HM Aramid 1210 dtex	60	HM Aramid 1210 dtex	60
	%		30%		30%
CSM Cover	g/m ²	225			
Weight Rate	%	50%		50%	
Selvages		Weaving style	Leno	Type of fibre	HM polyester 22 tex

Mechanical Properties of Fibre	Tenacity	Modulus (nominal)
Type 2200 – 2420 dtex	3046 MPa	95 GPa
Glass roving 600 tex	2000 MPa	73 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.