

WOVEN FABRIC TECHNICAL DATA SHEET

Product Reference: VK – 390 T

Characteristics		Nominal	Tolerance	Normative
Mass per unit area	g/m ²	396	± 5%	ISO 4605
Weave		2/2 Twill		ISO 2113
Width	mm	1270	± 2,5%	ISO 22198
Thickness	mm	0.35	± 5%	ISO 5084(**)
Other information		Loomstate		

Nominal Construction		Warp		Weft	
1 st Fibre Description		Aramid Fibre Type 2200 – 2420 dtex		Aramid Fibre Type 2200 – 2420 dtex	
2 nd Fibre Description		E Glass Roving Glass Roving – 600 tex		E Glass Roving Glass Roving – 600 tex	
Thread Count	1 st Fibre	2.3 ends/cm	ISO 4602	2.3 ends/cm	ISO 4602
	2 nd Fibre	2.3 ends/cm	±2%	2.3 ends/cm	±2%
Weight Distribution	1 st Fibre	60 g/m ²	15%	60 g/m ²	15%
	2 nd Fibre	138 g/m ²	35%	138 g/m ²	35%
Weight Rate		50%		50%	
Selvedges		Weaving style	Leno	Type of Fibre	HM polyester 22 tex

Mechanical Properties of Fibre	Strength	Modulus (Nominal)
Type 2200 – 2420 dtex	3067 Mpa	105 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.