



## WOVEN FABRIC TECHNICAL DATA SHEET

**Product Reference: VK – 390 T**

Characteristics		Nominal	Tolerance	Normative
Mass per unit area	g/m <sup>2</sup>	390	± 5%	ISO 4605
Weave		2/2 Twill		ISO 2113
Width	mm	1270	± 2,5%	ISO 22198
Thickness	mm	0.42	± 2,5%	ISO 5084(**)
Other information		Loomstate		

Nominal Construction		Warp		Weft	
Fibre Description		HM Aramid Twaron 2420 dtex Glass Roving 600 tex		HM Aramid Twaron 2420 dtex Glass Roving 600 tex	
Thread Count	ends/cm	4,60	ISO 4602	4,60	ISO 4602
Weight Rate	%	50%		50%	
Weight Distribution	g/m <sup>2</sup>	Glass	138	Glass	138
	%	Roving 300 tex	70%	Roving 300 tex	70%
	g/m <sup>2</sup>	Aramid Twaron	60	Aramid Twaron	60
	%	1210 dtex	30%	1210 dtex	30%
Weight Rate	%	50%		50%	
Volume rate	%	Glass Roving 300 tex		Glass Roving 300 tex	
		Aramid Twaron 2420		Aramid Twaron 2420	
Selvedges		Weaving style	Leno	Type of Fibre	HM polyester 22 tex

Mechanical Properties of Fibre	Tenacity	Modulus (Nominal)
Twaron type 2200 – 2420 dtex	3046 Mpa	95 Gpa
PPG – 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.