

REFERENCE

VK 390 T + Mat 225

CHARACTERISTICS	
Mass per unit area	g/m ²
Weave	
Width	mm
Thickness	mm
Other informations	

Nominal	Tolerance	Normative
621	± 5%	ISO 4605
2x2 Twill		ISO 2113
1270	± 2,5%	ISO 22198
0,70	± 2,5%	ISO 5084(**)
Knitted 225 CSM over hybrid fabric		

Nominal Construction	
Fiber Description	
Fiber Producer	
Thread Count	ends/cm
Weight Distribution	g/m ²
	%
	g/m ²
	%
Knitted CSMat	g/m ²
Weight Rate	%
Selvages	

WARP		WEFT	
HM Aramid Twaron 2420 dtex Glass Roving 600 tex Teijin TWARON - PPG		HM Aramid Twaron 2420 dtex Glass Roving 600 tex Teijin TWARON - PPG	
4,60 ISO 4602		4,60 ISO 4602	
Glass Roving 300 tex	138 70%	Glass Roving 300 tex	138 70%
Aramid Twaron 1210 dtex	60 30%	Aramid Twaron 1210 dtex	60 30%
225			
50%		50%	
Weaving style	LENO	Type of Fiber	HM polyester 22 tex

Mechanical Properties of Fiber	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.

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