

# WOVEN FABRIC

 Hybrid Fabric / Product Description: **DK-170 P**

CHARACTERISTICS	NOMINAL	UM	TOLERANCE	NORMATIVE
Mass unit per area	170	g/m <sup>2</sup>	5,0%	ISO 3374
Weave	Plain			ISO 2113
Width	1000/1270	mm	2,5%	ISO 22198
Thickness	0,17	mm	5,0%	ISO 5084 (**)
Other informations	Loomstate			

NOMINAL CONSTRUCTION	WRAP		WEFT	
1st fiber description	Polyester Fiber - Black - 1670dtex		Aramid Fiber - Type 2200 - 1610dtex	
1st fiber producer	PHP DIOLEN		Twaron	
2nd fiber description	Aramid Fiber		Polyester Fiber	
2nd fiber producer	Twaron		PHP DIOLEN	
Thread count - 1st fiber	3,34 ends/cm ±2%	ISO 4602	3,34 ends/cm ±2%	ISO 4602
Thread count - 2nd fiber	1,67 ends/cm ±2%	ISO 4602	1,67 ends/cm ±2%	ISO 4602
Weight distribution - 1st fiber	56 g/m <sup>2</sup>	32,9%	57 g/m <sup>2</sup>	33,5%
Weight distribution - 2st fiber	29 g/m <sup>2</sup>	17,1%	28 g/m <sup>2</sup>	16,5%
Weight distribution	50,0%		50,0%	
Selvages	Weaving style	LENO	Type of fiber	HM polyster 22 tex

MECHANICAL PROPERTIES OF FIBER	STRENGHT (nominal)	MODULUS (nominal)
Black - 1670dtex	1160 MPa	14 GPa
Type 2200 - 1610dtex	3096 MPa	105 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.

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