

# WOVEN FABRIC

## Technical Data Sheet

### Aramid Fabric

Product Code: **STYLE 281**

CHARACTERISTICS	Nominal	UM	Tolerance	Normative
Mass per unit area	172	g/m <sup>2</sup>	± 5%	ISO 4605
Weave	Plain			ISO 2113
Width	1000/1200	mm	± 2,5%	ISO 22198
Thickness	0,17	mm	± 2,5%	ISO 5084(**)
Other informations	Loomstate			

Nominal Construction	WARP		WEFT	
Fiber Description	Aramid Fiber Black Type 2200 - 1210dtex		Aramid Fiber Type 2200 - 1210dtex	
Fiber Producer	Twaron		Twaron	
Thread Count	6,6 ends/cm	ISO 4602	6,6 ends/cm	ISO 4602
Weight Distribution	86 g/m <sup>2</sup>	50%	86 g/m <sup>2</sup>	50%
Selvadges	Weaving style	LENO	Type of Fiber	HM polyester 22 tex

Mechanical Properties of Fiber	Strength (Nominal)	Modulus (Nominal)
Black Type 2200 - 1210dtex (Twaron)	2956 MPa	100 GPa
Type 2200 - 1210dtex (Twaron)	3176 MPa	108 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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