

## WOVEN FABRIC TECHNICAL DATA SHEET

**Product Reference:** Style 281

Characteristics		Nominal	Tolerance	Normative
Mass per unit area	g/m <sup>2</sup>	172	± 5%	ISO 4605
Weave		Plain		ISO 2113
Width	mm	1000/1200	± 2,5%	ISO 22198
Thickness	mm	0.17	± 2,5%	ISO 5084(**)
Other information		Loomstate		

Nominal Construction		Warp		Weft	
Fibre Description		Aramid fibre Type 2200 - 1210 dtex		Aramid fibre Type 2200 - 1210 dtex	
Thread Count	ends/cm	6,6	ISO 4602	6,6	ISO 4602
Weight Distribution	g/m <sup>2</sup>	Aramid	86	Aramid	86
	%		50%		50%

Mechanical properties of fibre	Strength (nominal)	Modulus (nominal)
Type 2200 – 1210 dtex (Twaron)	2956 MPa	100 GPa
Type 2200 – 1210 dtex (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