

GV 300 U TFX Carbon UD Fabric

Technical Data Sheet

Thermofixed carbon fabric

General characteristics

Characteristic	Nominal	Unit	Tolerance	Standard
Mass per unit area	322	g/m ²	± 5%	ISO 4605
Weave	Plain	-	-	ISO 2113
Width	500 / 1000	mm	± 2.5%	ISO 22198
Thickness	-	mm	± 2.5%	ISO 5084 (**)
Other information	Thermofixed	-	-	-

Nominal construction

Property	WARP	WEFT
Fiber description	HR Carbon Fiber 12K - 800 tex	Glass yarn + thermoplastic 1100 dtex
Thread count	3.8 ends/cm ISO 4602	1.6 ends/cm ISO 4602
Weight distribution	304 g/m² 94%	18 g/m² 6%
Selvages	Weaving style: LENO	Type of fiber: HM polyester 22 tex

Important notes

(**) Theoretical thickness for an epoxy laminate with 40% of reinforcement in volume.

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