

TECHNICAL DATA SHEET

CBX100

Biaxial fabric $\pm 45^\circ$ in Carbon fibre
Code Nr. 05200000105



Layer	Angle Tolerance	Fiber	Plan	Tex	Areal Weight gr/M ²	Tolerance
0°	-	Polyester yarn	M5	5	5	±5%
-45°	±1°	Carbon: Mitsubishi Pyrofil TR50S 12K	M5	800	50	±5%
+45°	±1°	Carbon: Mitsubishi Pyrofil TR50S 12K	M5	800	50	±5%
		TOTAL gr/M ²	-	-	105	±5%

Characteristics for fabric

Lunghezza rotolo - standard roll length:	LM	50	±1 LM
Larghezza rotolo - standard roll width:	MM	1270	± 10mm
Peso netto rotolo - net roll weight:	KG	6,7	± 0,34Kg
Tolleranza sulla grammatura - areal weight tolerance:	Gr/M ²	±5%	± 5gr/M ²
Grammatura teorica - theoretical areal weight:	Gr/M ²	105	
Identificazione rotolo - ident roll:	CBX100		
Tipo di legatura - knitting type:	Catenella - Pillar		
Filo di legatura - stitch yarn:	Black polyester, texturated, 5.0 tex		

Characteristics for filament yarn

Tipo fibra - Type:	Mitsubishi Pyrofil TR50S 12K
Size amount:	1.0 %
Produttore - Manufacturer:	Mitsubishi Rayon
Densità volumetrica - Volumetric density:	g/cm ³ 1.82
Nr. filamenti - Number of filaments:	12000
Carico di rottura a trazione - Tensile strength:	Mpa 4900*
Modulo a trazione - Tensile modulus:	Gpa 240*
Allungamento a rottura - Elongation at break:	2.0 %*

*Measured using the impregnated strand test method. All these informations can be used for material selection purposes only.

Fregona li 31/08/16

QUALITY ASSURANCE
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