

TECHNICAL DATA SHEET
CBX600-24K 50C
 Biaxial fabric $\pm 45^\circ$ in Carbon fibre



Layer	Angle Tolerance	Fiber	Plan	Tex	Areal Weight gr/M ²	Tolerance
0°	-	Polyester yarn	M25	8	7	±5%
-45°	±1°	Carbon: Toray T700SC 50C 24K	M25	1650	300	±5%
+45°	±1°	Carbon: Toray T700SC 50C 24K	M25	1650	300	±5%
		TOTAL gr/M ²	-	-	607	±5%

Characteristics for fabric

Lunghezza rotolo - standard roll length:	LM	50	±1 LM
Larghezza rotolo - standard roll width:	MM	1270	± 20mm
Peso netto rotolo - net roll weight:	KG	38,5	± 1,93Kg
Tolleranza sulla grammatura – areal weight tolerance:	Gr/M ²	±5%	± 30gr/M ²
Grammatura teorica – theoretical areal weight:	Gr/M ²	607	
Identificazione rotolo - ident roll:	CBX600-24K 50C		
Tipo di legatura - knitting type:	pillar		
Filo di legatura – stitch yarn:	Polyester, texturated, 8.0 tex		

Characteristics for filament yarn

Tipo fibra – Type:	Torayca T700SC 50C 24K
Size amount:	1,0 %
Produttore – Manufacturer:	Soficar – Toray Industries - Japan
Densità volumetrica – Volumetric density:	g/cm ³ 1.80
Nr. filamenti – Number of filaments:	24000
Carico di rottura a trazione – Tensile strength:	Mpa 5148*
Modulo a trazione – Tensile modulus:	Gpa 240*
Allungamento a rottura – Elongation at break:	2,2 – 2,4 %*

* All these informations can be used for material selection purposes only.



DNV-GL TYPE APPROVED PRODUCT – Cert. No. TAK00000NV

TECHNICAL MANAGER
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