

## CBX600

Biaxial fabric  $\pm 45^\circ$  in Carbon fibre  
Code Nr. C020600\_00A050007

Layer	Angle Tolerance	Fiber	Plan	Tex	Areal Weight gr/M <sup>2</sup>	Tolerance
0°	-	Polyester yarn	M5	8,0	8	±5%
-45°	±1°	Carbon: Tenax UTS50 F24 24K	M5	1650	300	±5%
+45°	±1°	Carbon: Tenax UTS50 F24 24K	M5	1650	300	±5%
TOTAL gr/M <sup>2</sup>					608	±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	38,6	± 1,93Kg
Tolleranza sulla grammatura – areal weight tolerance:	Gr/M <sup>2</sup>	±5%	± 30gr/M <sup>2</sup>
Grammatura teorica – theoretical areal weight:	Gr/M <sup>2</sup>	608	
Identificazione rotolo - ident roll:	CBX600-24K UTS50		
Tipo di legatura - knitting type:	Catenella - Pillar		
Filo di legatura – stitch yarn:	Polyester, texturated, 8,0 tex		

### Characteristics for filament yarn

Tipo fibra – Type:	Tenax UTS50 F24 24K
Size amount:	1,97 %
Produttore – Manufacturer:	Teijin Carbon Europe GmbH
Densità volumetrica – Volumetric density:	g/cm <sup>3</sup> 1.81
Nr. filamenti – Number of filaments:	24000
Carico di rottura a trazione – Tensile strength:	Mpa 5100*
Modulo a trazione – Tensile modulus:	Gpa 245*
Allungamento a rottura – Elongation at break:	1,87 %*

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

Fregona li 03/07/19

**TECHNICAL MANAGER**  
Ing. Giovanni Fardin



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