

TECHNICAL DATA SHEET

CBX400

Biaxial fabric $\pm 45^\circ$ in Carbon fibre
Code Nr. 05200000408

Layer	Angle Tolerance	Fiber	Plan	Tex	Areal Weight gr/M ²	Tolerance
0°	-	Polyester yarn	M5	8,0	8	±5%
-45°	±1°	Carbon: Tenax ITS50 F23 or equivalent	M5	1600	200	±5%
+45°	±1°	Carbon: Tenax ITS50 F23 or equivalent	M5	1600	200	±5%
		TOTAL gr/M ²	-	-	408	±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	25,9	± 1,3Kg
Tolleranza sulla grammatura – areal weight tolerance:	Gr/M ²	±5%	± 20gr/M ²
Grammatura teorica – theoretical areal weight:	Gr/M ²	408	
Identificazione rotolo - ident roll:	CBX400		
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 ITS50 F23 24K
Size amount:	1,00 %
Produttore – Manufacturer:	Toho Tenax Europe GmbH
Densità volumetrica – Volumetric density:	g/cm ³ 1.80
Nr. filamenti – Number of filaments:	24000
Carico di rottura a trazione – Tensile strength:	Mpa 5100*
Modulo a trazione – Tensile modulus:	Gpa 265*
Allungamento a rottura – Elongation at break:	1,90 %*

Fregona li 01/02/18

TECHNICAL MANAGER
Ing. Giovanni Fardin



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

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