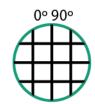


TECHNICAL DATA SHEET CEBXS800



Biaxial fabric 0°90° in Carbon fiber and E-Glass

Layer	Angle Tolerance	Fiber	Plan	Tex	Areal Weight gr/M²	Tolerance
Oº	-	Polyester yarn	L4	8,0	9	±5%
Oº	±1º	E-Glass: NEG Type 2002 or equivalent	L4	2400-600	292	±5%
Oº	±1º	Carbon: Toray T700SC F0E 24K	L4	1650	190	±5%
90⁰	±1º	E-Glass: NEG Type 2002 or equivalent	L4	600	193	±5%
90⁰	±1º	Carbon: Toray T700SC F0E 12K	L4	800	120	±5%
		TOTAL gr/M²	-	-	804	±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	51,0	± 2,55Kg
Tolleranza sulla grammatura – areal weight tolerance:	Gr/M²	±5%	± 40gr/M²
Grammatura teorica – theoretical areal weight:	Gr/M²	804	
Identificazione rotolo - ident roll:	CEBXS800		
Tipo di legatura - knitting type:	Tricot		
Filo di legatura – stitch yarn:	Polyester, texturated, 8.0 tex		

Characteristics for filament yarn

Tipo fibra – Type:	Torayca T700SC F0E	NEG Roving 2002
Size amount:	0,7 %	0.55 – 0.65 %
Densità volumetrica – Volumetric density:	g/cm ³ 1.80	gr/cm ³ 2.59 - 2.62
Nr. filamenti – Number of filaments:	12000 (12K) – 24000 (24K)	-
Carico di rottura a trazione – Tensile strength:	Mpa 4900*	Mpa 1900*
Modulo a trazione – Tensile modulus:	Gpa 230*	Gpa 69 – 76*
Allungamento a rottura – Elongation at break:	2,2 – 2,4 %*	3.5 - 4 %*

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

Fregona lì 23/09/20

TECHNICAL MANAGER Ing. Giovanni Fardin

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