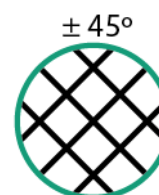


TECHNICAL DATA SHEET

CBX400-50K PX35 W72

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	8	±5%
- 45°	±1°	Carbon: Zoltek PANEX PX35 W72 50K	M25	3790	200	±5%
+ 45°	±1°	Carbon: Zoltek PANEX PX35 W72 50K	M25	3790	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	± 20mm
Peso netto rotolo - net roll weight:	KG	25,9	± 1,30Kg
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:	CBX400-50K PX35 W72		
Tipo di legatura - knitting type:	pillar		
Filo di legatura – stitch yarn:	Polyester, texturated, 8.0 tex		

Characteristics for filament yarn

Tipo fibra – Type:	Zoltek PANEX PX35 W72 50K
Size amount:	1.50 %*
Produttore – Manufacturer:	Zoltek Corporation
Densità volumetrica – Volumetric density:	g/cm ³ 1.81
Nr. filamenti – Number of filaments:	50000
Carico di rottura a trazione – Tensile strength:	Mpa 4137*
Modulo a trazione – Tensile modulus:	Gpa 242*
Allungamento a rottura – Elongation at break:	1,5 %*

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



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

TECHNICAL MANAGER
Ing. Giovanni Fardin

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