



TECHNICAL DATA SHEET
CBXS600-50K PX35 W72
 Biaxial fabric 0° 90° in Carbon fibre

Layer	Angle Tolerance	Fiber	Plan	Tex	Areal Weight gr/M ²	Tolerance
0°	-	Polyester yarn	M5	8	8	±5%
0°	±1°	Carbon: Zoltek PANEX PX35 W72 50K	M5	3790	300	±5%
90°	±1°	Carbon: Zoltek PANEX PX35 W72 50K	M5	3790	300	±5%
		TOTAL gr/M ²	-	-	608	±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	38,6	± 1,93Kg
Tolleranza sulla grammatura – areal weight tolerance:	Gr/M ²	±5%	± 30gr/M ²
Grammatura teorica – theoretical areal weight:	Gr/M ²	608	
Identificazione rotolo - ident roll:	CBXS600-50K PX35 W72		
Tipo di legatura - knitting type:	tricot		
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
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