

TECHNICAL DATA SHEET

± 45° 90°



**PRODUCT NAME ETXT220**  
Triaxial fabric +45° 90° -45° in "E" glass

layers	angle	fiber	Gauge	tex	areal weight	areal weight
	tolerance				gr/m <sup>2</sup>	tolerance
0°	-	Polyester yarn	E5	8,0	7	± 3 %
+45°	± 2°	E glass multi-compatible	-	600	74	± 3 %
90°	± 2°	E glass multi-compatible	-	600	61	± 3 %
-45°	± 2°	E glass multi-compatible	-	600	74	± 3 %
TOTAL gr/m <sup>2</sup>					216	± 3 %

Characteristics for fabric

lunghezza rotolo - standard roll length:	mtl 50 ± 1 mtl
larghezza rotolo - standard roll width:	mm 1270 ± 20 mm
peso netto rotolo - net roll weight:	Kg. 13,7 ± 3 %
tolleranza sulla grammatura – areal weight tolerance:	± 3 % ( ± 6 gr/m <sup>2</sup> )
grammatura teorica – theoretical areal weight:	gr/m <sup>2</sup> 216
identificazione rotolo - ident roll:	<b>ETXT220</b>
Diametro tubo – cardboard inner core diameter :	mm 76 ( 3" )
tipo di legatura - knitting type:	pilar
filo di legatura – stitch yarn:	polyester, texturated, 8,0 tex

Characteristics for filament yarn

binder content:	0.50 – 0.60 % ( nominal ) *
densità volumetrica – volumetric density:	gr/cm <sup>3</sup> 2.59 – 2.62 *
resistenza a trazione – tensile strength:	Mpa 1900 – 2400 *
modulo a trazione – tensile modulus:	Gpa 69 – 76 *
allungamento a rottura – elongation at break:	3.5 - 4 % *

\* Typical values according to ASTM D-2343. All these informations can be used for material selection purposes only.

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TECHNICAL MANAGER  
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DNV TYPE APPROVED PRODUCT – Cert. No. **TAK000017X**

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