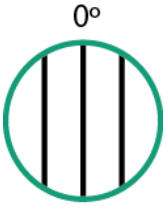
selcom Multiaxial Technology

ANGELONI GROUP

TECHNICAL DATA SHEET



PRODUCT NAME **UNIE300-E10**

Unidirectional fabric 0º in "E" glass

layers	angle tolerance	fiber	Gauge	tex	areal weight gr/m²	areal weight tolerance
0º	-	Polyester yarn	E10	8	10	± 3 %
0º	± 2º	E glass multi-compatible	E10	600 - 900	283	± 3 %
90º	± 2º	E glass multi-compatible	-	68	37	± 3 %
		TOTAL gr/m²	-	-	330	± 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. 21,0 ± 3 %
tolleranza sulla grammatura – areal weight tolerance:	± 3 % (± 10 gr/m²)
grammatura teorica – theoretical areal weight:	gr/m² 330
identificazione rotolo - ident roll:	**UNIE300-E10**
Diametro tubo – cardboard inner core diameter :	mm 76 (3")
tipo di legatura - knitting type:	tricot
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/cm³ 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.

14.10.2026

TECHNICAL MANAGER
Ing. Andrea Giovanni Fardin

NB : THIS DOCUMENT IS COMPUTER GENERATED AND IT'S VALID WITHOUT SIGNATURE

DNV

DNV TYPE APPROVED PRODUCT – Cert. No. **TAK000017V**

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