



SELCOM

Multiaxial Technology

SELCOM SRL
via della Torre n. 17
31010 FREGONA (TV) ITALY
phone +39 0438 585166
modem fax +39 0438 585172
manual fax +39 0438 916049

cap. soc. EURO 101490,00
cod. fisc. e p.i. IT 02369430265
trib. Treviso n. 33642 reg. soc.
c.c.i.a.a. Treviso n. 206094
M. estero TV 028944
E-mail: info@selcom-srl.com

MULTIAXIAL TECHNOLOGY (NCF)
unidirectional & stitched multiaxial fabrics in
glass, carbon, aramid... and hybrids for the
composite industry

internet: www.selcom-srl.com

Technical Data Sheet

PRODUCT NAME EBXS600 - E10	Code 01300000600
Biaxial fabric 0° 90° in "E" glass	

layers	fiber	plan	tex	areal weight gr/m²	areal weight tolerance
0°	PPG Roving 2002 or equivalent	M2	900 - 600	300	± 3 %
90°	PPG Roving 2002 or equivalent	M2	900 - 600	300	± 3 %
0°	polyester	M2	7,8	12	± 3 %
	TOTAL gr/m²	-	-	612	± 3 %

Characteristics for fabric

lunghezza rotolo - standard roll length:	mtl 50 ± 1 mtl
larghezza rotolo - standard roll width:	mm 1270 ± 10 mm
peso netto rotolo - net roll weight:	Kg. 39 ± 3 %
tolleranza sulla grammatura - areal weight tolerance:	± 3 % (± 18 gr/m²)
grammatura teorica - theoretical areal weight:	gr/m² 612
identificazione rotolo - ident roll:	EBXS600 - E10
identification yarns:	red and yellow identification yarns
tipo di legatura - knitting type:	tricot
filo di legatura - stitch yarn:	polyester, texturated, 7,8 tex

Characteristics for filament yarn

tipo fibra - type:	PPG Roving 2002
binder content :	0.55 - 0.65 % (nominal)
produttore - manufacturer:	PPG Industries
densità volumetrica - volumetric density:	gr/cm³ 2.59 - 2.62
diametro filamento - filament diameter:	µm 12 - µm 15
resistenza a trazione - tensile strength:	Mpa 1900 - 2400 (ASTM D-2343) *
modulo a trazione - tensile modulus:	Gpa 69 - 76 (ASTM D-2343) *
allungamento a rottura - elongation at break:	3.5 - 4 %

* Determined from resin impregnated rovings according to ASTM D-2343

Fregona li 31/08/11

Quality Assurance
Ing. Giovanni Fardin

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



TYPE APPROVED PRODUCT - CERTIFICATE NO. K-4016



Member of CISQ Federation

RINA
ISO 9001:2008
Certified Quality System



SELCOM Srl is a weaver of technical textiles from continuous filaments (rovings). All information supplied by or on behalf of SELCOM Srl in relation to its products, whether in the nature of data, recommendations or otherwise, has been given in good faith and in compliance with technical and commercial information supplied by raw materials (fibre) manufacturers. All information aforementioned are supported by its own experience and believed reliable but SELCOM Srl declines all responsibility in respect of the application, processing or use of the aforementioned information or any consequence thereof. The buyer undertakes all liability in respect of the application, processing or use of the aforementioned information or product, whose quality and other properties he shall verify or any consequence thereof. SELCOM Srl believes that it is the user that shall determine the suitability of a product for its end-use and the user that assures all liability in connection therewith. M10-1-02.DOC Ed.01-Rev.00-12.05.10