DATA SHEET

150

0	LA	0	0	1	0 V	0	X	0	0	4	V	0	LI	150

TYPE OF PULTRUDED						
PLATES	10,0	x	4,0 [mm]	150	[Gpa]	Smooth

COMPOSITES

	PUL	TRUD	ED SI	ZE	MIX	(FIBEF	RS							TYPICAL PROPERTIES PULTRUDED										
									UNI EN 1370	06-1-2-3 ISO527									ISO 11357-2 DSC					
v	/idth	Thic	kness	Nominal area pultruded	Are	ea employ by fiber	ed	Elastic modulus	Elastic modulus x Section	Tensile strength	Tensile strength on section		r compor Volume)		Fiber Density	Matrix Density	Pultruded Density	Strain at the tensile strength	Glass trans. temperature	Operating temperature	Fire behavior	Color	Resin type	
	L	:	s	А	1° Fibre	2° Fibre	3° Fibre	Е	ΕA	σ	σA		Vf		ρf	ρm	ρΡ	e	Т	Т	To be	Black	Ероху	
r	nm	r	ım	mmq		mmq		[Gpa]	[kN]	[Mpa]	[kN]	mmq	%	Toll.	g/cmc	g/cmc	g/cmc	%	°C	°C	protected with coatings	DIACK	Ероху	
10	+/- 3%	4	+/- 3%	40,00	26,8	0,0	0,0	150	6.000	> of 2.135	85	27	68%	>=	~ 1,8	~ 1,2	~ 1,6	~ 1,3	140	-30 +100	Da proteggere con rivestimenti	Nero	Eposs.	

* The characteristics indicated in the table are calculated values on the base of the carbon fiber performance supplied by the manufacturers

	TIPICAL PROPERTIES OF FIBERS									
Number of fiber	Tensile modulus	Tensile strength	Density	Elongation	Fiber identification					
x 1000	[Gpa]	[Mpa]	[g/cmc]	%	n°					
24	234	4.830	1,80	2,0%	1° Fibre					
0	-	-	-	-	2° Fibre					
0	-	-	-	-	3° Fibre					

	The pultruded material is an electrical conductor
Danger	
	If the package is rolled up, pay attention to the unrolling because the material is under tension
	In the case of machining (cutting, abrasion, drilling, milling) it is recommended to use protective masks, glasses and gloves



Storage	Store the boxes in a dry place and keep the product away from the sun
Warning	If the surfaces are provided with peel ply, it is recommended to remove it before using the pultruded
Notes	

