



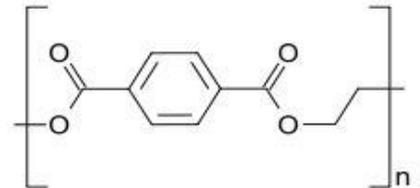
## PRODUCT NAME

AB01 LIGHT TECH

## FIBER CHARACTERISTIC

Poliester fiber it's produced with a melt spun. There are 3 processes utilized in the production of PET fiber : polymerization, melt-spinning, and hot stretching the fibers for obtain the maximum performance .

Property	udm	value
Breaking tenacity	g/d	8,5
Specific gravity	ratio	1,38
Elongation at break	%	20
Tensile modulus	g/d	120
Melt point	°C	256



## BRAID CHARACTERISTIC

It's an eco-performance multipurpose braid made in poliester high tenacity. This item it's very light , stable to UV ray and to sea water with a super quality / price ratio .

name	diameter	length	breaking load	modulo	tenacity	friction coefficient
	mm	mt	daN	cN/dTex	cN/dTex	
AB01 LIGHT TECH	4	800	300	120	5,5	0,10
AB01 LIGHT TECH	5	600	390	120	5,5	0,10
AB01 LIGHT TECH	6	400	490	120	5,5	0,10
AB01 LIGHT TECH	7	300	720	120	5,5	0,10
AB01 LIGHT TECH	8	250	860	120	5,5	0,10
AB01 LIGHT TECH	10	200	1.490	120	5,5	0,10
AB01 LIGHT TECH	12	130	2.200	120	5,5	0,10
AB01 LIGHT TECH	14	120	2.750	120	5,5	0,10
AB01 LIGHT TECH	16	100	2.900	120	5,5	0,10
AB01 LIGHT TECH	18	80	4.200	120	5,5	0,10
AB01 LIGHT TECH	20	70	4.650	120	5,5	0,10

## COLOR'S RANGE

white with colored mark



solid color



The breaking load represents the nominal tenacity of the braid, calculated on the sum of the resistance of the fibers that compose it .

Breaking load it's tested on a new braid, in laboratory , with controlled conditions of temperature, pressure and humidity.

Durring the use of product natural elements and many other factors can affect the mechanical properties; therefore we suggest a working load of 1:5 comparing to the breaking load , or , an higher ratio, in the case the product it's subjected to dynamic loads or high stress.

The product should be used properly spliced at both ends, in order to express maximum characteristics; knots or other different solutions can lead a significant loss of load .

For proper use of our items also recommend the following : periodically check the status of the rope, avoid contact with chemicals elements , clean it periodically to remove salt residue or dirt and let it dry away from direct heat.

All the articles of our programm are dedicate to nautical use , recreational and sports and are not for lift use .