PRODUCT CLASS **Type D**

AB01 MONO

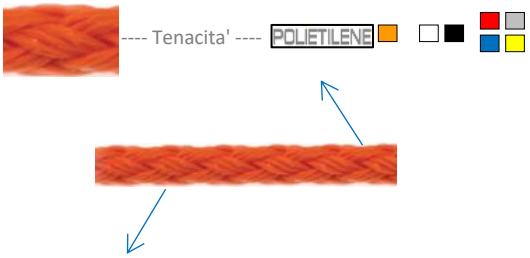
Polyrthylene high tenacity

AB01 MONO

CORE : Polyethylene monofilament

COVER : Absent

<u>CORE</u> : POLYETHYLENE MONOFILAMENT



<u>COVER TECH MIX</u> : ABSENTE

FIBER CHARACTERISTICS

The fiber's components of this product are : **POLYETHYLENE MONOFILAMENT**

- **Polyethylene** it's ma thermoplastic polymer prepared by the catalytic polymerization of ethylene

FIBER'S PROPERTY	UDM	*POLYETHYLENE MONOFILAMENT*	-	-
Tenacity	gr/den	-	-	-
Specific gravity	gr/cm^3	0,94	-	-
Elongation at break	%	-	-	-
Tensile modulus	gr/den	-	-	-
Melting point	°C	165	-	-

CORE — POLYETHYLENE MONOFILAMENT

COVER — ABSENT

FLOATING

THE UV STABILIZATION PROCESS

The fiber used to build this product is UV stabilized . Physical property and color stability to UV rays is measured in KLY (kilo Langley). The average value in Central Western Europe is 100 kly (Kilo Langley) / year.

The yarn is treated with a UV stabilizer However, the treatment has a different effect on the physical properties and color. Using a much more expensive UV filter it is possible to slightly extend the life of the colour, however it will not be possible to reach much higher values.

PHYSICAL PROPERTIES	
The anti-UV treatment, depending on the quantity used, is able to shield the product so as to maintain the physical properties of the polymer	PROTECTION 500 KLY

COLOR FASTNESS	
The anti-UV treatment, depending on the quantity used, is able to shield the product so as to keep the colour unchanged	PROTECTION 120 KLY

BRAID CHARACTERISTICS

CORE			COVER (it's a media of the of all fiber's components)		
TEANCITY	-	gr/den	ABRASION RESISTANCE	-	gr/den
CREEP	-	%	PEAK TEMP.	-	°C
MODULE	-	gr/den	GRIP	-	frict. coeff.
WEIGHT	0,94	gr/cm^3	LIGHTNESS	-	gr/cm^3

DISCOUNT SYSTEM	
SHOP	*WHOLESALER*
Standard lenght sc. %	Standard lenght sc. %
-	-
-	-

APPLICATIONS , TECHNICAL DATA , PRICE

- Safety line and floating delimitations

orange — whtie — black — red — grey — blu — yallow

Ø	weight	breacking load	standard lenght	custom lenght	Ø	orange	white/black (on request)	colors (on request)	
mm	gr/mt	daN	mt	mt	mm	€/mt	€/mt	€/mt	
4	5,0	130	200	-	4	0,100 €	0,105 €	0,108 €	-
5	8,0	180	200	-	5	0,137 €	0,144 €	0,148 €	-
6	16,0	320	200	-	6	0,229 €	0,240 €	0,247 €	-
8	23,0	434	200	-	8	0,329 €	0,345 €	0,355 €	-
10	37,0	710	200	-	10	0,529 €	0,555 €	0,571 €	-
12	50,0	915	200	-	12	0,714 €	0,750 €	0,771 €	-
14	65,0	1.300	100	-	14	0,929 €	0,975 €	1,003 €	-
16	70,0	1.480	100	-	16	1,000 €	1,050 €	1,080 €	-

* Linear breaking load in according to DIN EN ISO 2307