| PRODUCT CLASS | Type C |
|---|---|

# AB01 LIGHT TECH

*multiuse line*

**AB01 LIGHT TECH**

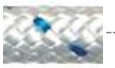
**CORE :** Polyester HT

**COVER :** Polyester HT

CORE : POLYESTER SPUN

----- Tenacity ---- POLYESTER

COVER TECH MIX : POLYESTER HT



----- Abrasion ----- POLYESTER

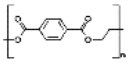
## FIBER CHARACTERISTICS

The fiber's components of this product are : **POLYESTER HT**

- **Polyester** it's polymers produced by mixing ethylene glycol and terephthalic acid.

| FIBER'S PROPERTY | UDM | *POLYESTER HT* | *POLIESTERE SPUN* | - | - |
|---|---|---|---|---|---|
| Tenacity | gr/den | 9,3 | 7,0 | - | - |
| Specific gravity | gr/cm$^3$ | 1,380 | 1,105 | - | - |
| Elongation at break | % | 14,6 | 20,5 | - | - |
| Tensile modulus | gr/den | 120 | 100 | - | - |
| Melting point | °C | 256 | 256 | - | - |

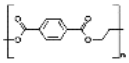
CORE



POLYESTERE SPUN

SINKING

COVER



POLYESTERE HT

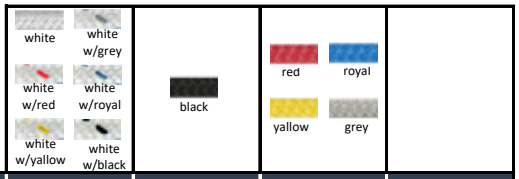
## BRAID CHARACTERISTICS

| CORE | | | COVER ( it's a media of the of all fiber's components ) | | |
|---|---|---|---|---|---|
| Tenacity | 7,0 | gr/den | Abrasion resistance | 9,3 | gr/den |
| Creep | 10 | % | Peack of temp. | 256 | °C |
| Module | 120 | gr/den | Grip | 0,10 | frict. coeff. |
| Weight | 1,105 | gr/cm$^3$ | Weight | 1,38 | gr/cm$^3$ |

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

## APPLICATIONS , TECHNICAL DATA , PRICE

- Multiuse line




| Ø | weight | breacking load | standard lenght | custom lenght | Ø | white | black ( on request ) | colors ( on request ) | - |
|---|---|---|---|---|---|---|---|---|---|
| mm | gr/mt | daN | mt | mt | mm | €/mt | €/mt | €/mt | - |
| 3 | 5,1 | 85 | 800 | - | 3 | 0,068 € | 0,075 € | 0,090 € | - |
| 4 | 10,6 | 300 | 800 | - | 4 | 0,114 € | 0,125 € | 0,150 € | - |
| 5 | 15,0 | 390 | 600 | - | 5 | 0,141 € | 0,155 € | 0,186 € | - |
| 6 | 20,8 | 490 | 400 | - | 6 | 0,195 € | 0,215 € | 0,258 € | - |
| 7 | 33,0 | 720 | 300 | - | 7 | 0,301 € | 0,331 € | 0,397 € | - |
| 8 | 38,5 | 860 | 250 | - | 8 | 0,351 € | 0,386 € | 0,463 € | - |
| 10 | 66,5 | 1.490 | 200 | - | 10 | 0,589 € | 0,647 € | 0,777 € | - |
| 12 | 90,3 | 2.050 | 130 | - | 12 | 0,799 € | 0,879 € | 1,055 € | - |
| 14 | 115,0 | 2.750 | 120 | - | 14 | 1,018 € | 1,120 € | 1,343 € | - |
| 16 | 158,0 | 2.900 | 100 | - | 16 | 1,398 € | 1,538 € | 1,846 € | - |
| 18 | 226,0 | 4.200 | 80 | - | 18 | 2,000 € | 2,200 € | 2,640 € | - |
| 20 | 260,0 | 4.650 | 70 | - | 20 | 2,301 € | 2,531 € | 3,037 € | - |
| - | - | - | - | - | 22 | - | - | - | - |
| - | - | - | - | - | 24 | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - |

* Linear breaking load in according to DIN EN ISO 2307

*Shock absobtion at 50% of breacking load.... 15,00%*