



PRODUCT NAME

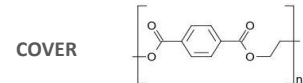
T12 DIAMOND



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 .

| Fiber Property | udm | CORE | COVER |
|---------------------|---------|------|--------|
| | | sk78 | |
| Breaking tenacity | cN/dTex | 9,3 | ABSENT |
| Specific gravity | ratio | 1,38 | ABSENT |
| Elongation at break | % | 20 | ABSENT |
| Tensile modulus | cN/dTex | 137 | ABSENT |
| Melt point | °C | 256 | ABSENT |



CORE **ABSENT**

BRAID CHARACTERISTIC

The round and compact single braid manufacture make it extremely easy to handle, easy to splice and very soft . The high elastic modulus of the polyester allows a comfortable mooring without violent shocks, even in conditions of strong wind on the quay or of waters moved by a sustained traffic in the port.

| name | diameter | lenght | breacking load | modulo | tenacity | friction coefficient |
|-------------|----------|--------|----------------|---------|----------|----------------------|
| | mm | mt | daN | cN/dTex | cN/dTex | |
| T12 DIAMOND | 12 | 200 | 2.400 | 137 | 8,5 | 0,10 |
| T12 DIAMOND | 14 | 100 | 3.000 | 137 | 8,5 | 0,10 |
| T12 DIAMOND | 16 | 100 | 3.600 | 137 | 8,5 | 0,10 |
| T12 DIAMOND | 18 | 100 | 4.250 | 137 | 8,5 | 0,10 |
| T12 DIAMOND | 20 | 100 | 5.300 | 137 | 8,5 | 0,10 |
| T12 DIAMOND | 22 | 100 | 6.500 | 137 | 8,5 | 0,10 |
| T12 DIAMOND | 24 | 100 | 7.600 | 137 | 8,5 | 0,10 |
| T12 DIAMOND | 26 | 100 | 8.250 | 137 | 8,5 | 0,10 |
| T12 DIAMOND | 28 | 100 | 9.200 | 137 | 8,5 | 0,10 |

COLOR'S RANGE

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 .

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

Durring the use of product natuarals 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 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 sportsandand are not for lift use .