

# PRODUCT CLASS

**Type C**

# T16 COMPASS LDC 30

**Polyester high tenacity**

**T16  
COMPASS  
LDC 1X**

**CORE :** Polyester HT +  
leadcore rosary  
**COVER :** Polyester HT

**CORE : POLYESTER HT**



**leadcore  
LDC30**

**COVER TECH MIX : POLYESTER HT**



## 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 | LEAD SINKING ROSARY | - |
|---------------------|--------------------|--------------|---------------------|---|
| Tenacity            | gr/den             | 9,3          | -                   | - |
| Specific gravity    | gr/cm <sup>3</sup> | 1,38         | 11,3                | - |
| Elongation at break | %                  | 14,6         | -                   | - |
| Tensile modulus     | gr/den             | 120          | -                   | - |
| Melting point       | °C                 | 256          | -                   | - |



**on request** is possible have an heavy core whitout lead make with a metallic powder fuse in a polymer

## BRAID CHARACTERISTICS

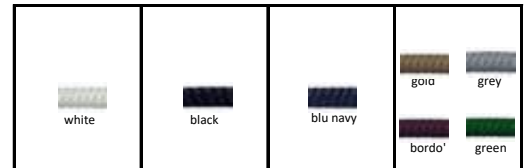
| CORE     |      |                    | COVER<br>( it's a media of the of all fiber's components ) |      |                    |
|----------|------|--------------------|--|------|--------------------|
| TENACITY | 9,3  | gr/den             | ABRASION RESISTANCE  | 9,3  | gr/den             |
| CREEP    | 10   | %                  | PEAK TEMP.   | 256  | °C                 |
| MODULE   | 120  | gr/den             | GRIP   | 0,1  | frict. coeff.      |
| WEIGHT   | 1,38 | gr/cm <sup>3</sup> | LIGHTNESS  | 1,38 | gr/cm <sup>3</sup> |

### DISCOUNT SYSTEM

| SHOP                |   | WHOLESALER          |   |
|---------------------|---|---------------------|---|
| Standard lenght sc. | % | Standard lenght sc. | % |
| -                   | - | -                   | - |
| -                   | - | -                   | - |

## APPLICATIONS , TECHNICAL DATA , PRICE

- Mooring & anchoring



| ∅  | weight                         | breacking load | standard lenght | custom lenght | ∅  | white    | black    | blu navy | colors<br>(on request) |
|----|--------------------------------|----------------|-----------------|---------------|----|----------|----------|----------|------------------------|
| mm | gr/mt                          | daN            | mt              | mt            | mm | €/mt     | €/mt     | €/mt     | €/mt                   |
| 6  | -                              | -              | -               | -             | 6  | -        | -        | -        | -                      |
| 8  | 101 <sup>49,4%<br/>44-P</sup>  | 1.341          | 100             | -             | 8  | 2,400 €  | 2,640 €  | 3,240 €  | 3,408 €                |
| 10 | 130 <sup>38,5%<br/>44-P</sup>  | 1.868          | 100             | -             | 10 | 2,600 €  | 2,860 €  | 3,510 €  | 3,692 €                |
| 12 | 162 <sup>30,9%<br/>44-P</sup>  | 2.832          | 100             | -             | 12 | 2,777 €  | 3,055 €  | 3,749 €  | 3,943 €                |
| 14 | 225 <sup>31,5%<br/>62-P</sup>  | 3.308          | 100             | -             | 14 | 3,857 €  | 4,243 €  | 5,207 €  | 5,477 €                |
| 16 | 244 <sup>28,9%<br/>62-P</sup>  | 3.683          | 100             | -             | 16 | 4,183 €  | 4,601 €  | 5,647 €  | 5,939 €                |
| 18 | 300 <sup>33,4%<br/>88-P</sup>  | 4.236          | 100             | -             | 18 | 5,143 €  | 5,657 €  | 6,943 €  | 7,302 €                |
| 20 | 408 <sup>24,5%<br/>88-P</sup>  | 5.502          | 100             | -             | 20 | 6,994 €  | 7,693 €  | 9,442 €  | 9,931 €                |
| 22 | 488 <sup>20,5%<br/>88-P</sup>  | 7.226          | 100             | -             | 22 | 7,669 €  | 8,436 €  | 10,353 € | 10,890 €               |
| 24 | 579 <sup>17,3%<br/>88-P</sup>  | 8.419          | 100             | -             | 24 | 9,099 €  | 10,009 € | 12,284 € | 12,921 €               |
| 26 | 659 <sup>15,2%<br/>88-P</sup>  | 9.612          | 100             | -             | 26 | 10,356 € | 11,392 € | 13,981 € | 14,706 €               |
| 28 | 832 <sup>13,1%<br/>150-P</sup> | 10.673         | 100             | -             | 28 | 13,075 € | 14,382 € | 17,651 € | 18,566 €               |
| 30 | 878 <sup>20,2%<br/>150-P</sup> | 11.667         | 100             | -             | 30 | 13,798 € | 15,178 € | 18,627 € | 19,593 €               |
| -  | -                              | -              | -               | -             | -  | -        | -        | -        | -                      |
| -  | -                              | -              | -               | -             | -  | -        | -        | -        | -                      |
| -  | -                              | -              | -               | -             | -  | -        | -        | -        | -                      |
| -  | -                              | -              | -               | -             | -  | -        | -        | -        | -                      |
| -  | -                              | -              | -               | -             | -  | -        | -        | -        | -                      |

Shock absobtion at 50% of breacking load.... 7,00%

\* Linear breaking load in according to DIN EN ISO 2307