

Product group: 325

Product number: 412772

Product information

Specification

General

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|--|--------------|
| Invent Hazard Material (IMO/EU) classification | NA |
| Material | Nylon |
| Material type and grade | PA 6 (Nylon) |

Physical properties

| | |
|-------------------------------------|------------------|
| Colour | White |
| Construction | 8-strand plaited |
| Density | Approx. 1.14 |
| Density [kg/m3] | Approx. 1.14 |
| Elongation [%] | 40% at break |
| Jacketed | false |
| Line Construction | 8-strand braided |
| Line Linear Density (LLD) | 5.445 kg/m |
| Line Tenacity (LT) Maximum | 33.23 t/kg/m |
| Line Tenacity (LT) Maximum (kN/g/m) | 0.32 kN/g/m |
| Line Tenacity (LT) Measured | 29.38 t/kg/m |
| Load Bearing Linear Density (LBLD) | 5.445 kg/m |
| Melting point | 250 °C |
| NSBF (if requested) | Not requested |
| Rotating | false |
| Splice type and design | Tuck (4S-4Z)x5 |

Dimensions/Weight

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|---------------|----|
| Diameter [mm] | 94 |
| Length | 22 |
| Length [m] | 22 |

Technical data

| | |
|---------------------------------------|------------------|
| Average Immediate Strain (e) %LDBF:10 | 8,78 |
| Average Immediate Strain (e) %LDBF:20 | 15,63 |
| Average Immediate Strain (e) %LDBF:30 | 11,56 |
| Average Immediate Strain (e) %LDBF:40 | 17,57 |
| Average Immediate Strain (e) %LDBF:50 | 18,85 |
| Dynamic stiffness (Kex) Exposed | 11.38xTDBF |
| Dynamic stiffness (Ksh) Sheltered | 3.00xTDBF |
| Line Design Break Force (LDBF) | 160 |
| Spliced MBL DRY [kN] | 1844 |
| Spliced MBL DRY [t] | 188 |
| Spliced MBL/LDBF [kN] | 1569 |
| Tail Design Break Force (TDBF) | 160 |
| Tension-tension endurance CTF 20% | 3.46x10^6 cycles |
| Tension-tension endurance CTF 50% | 1.16x10^4 cycles |
| Unspliced MBL [kN] | 1743 |
| Unspliced MBL [t] | 177.8 |

Performance data

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|---------------------|------|
| DN/GL | N |
| SBA | N |
| Strength adjustment | 10% |
| Var Range From | 125% |
| Var Range To | 130% |