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TIMM FLEX 8 102MM 22M 2x1,8M EYE

Product group: **325** Product number: **412796**



Product information

Specification

General

Invent Hazard Material (IMO/EL) classification	NA
Material	Nylon
Material type and grade	PA 6 (Nylon)

Dimensions/Weight

Diameter [mm]	102
Length	22
Length [m]	22

Physical properties

Colour	White
Construction	8-strand plaited
Density	Approx. 1.14
Density [kg/m ³]	Approx. 1.14
Elongation [%]	40% at break
Jacketed	false
Line Construction	8-strand braided
Line Linear Density (LLD)	6.282 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	28.97 t/kg/m
Load Bearing Linear Density (LBLD)	6.282 kg/m
Melting point	250 °C
NSBF (if requested)	Not requested
Rotating	false
Splice type and design	Tuck (4S-4Z)x5
X - Line Linear Density (LLD)	6.282 kg/m
X - Line Tenacity (LT) Maximum	33.23 t/kg/m
X - Line Tenacity (LT) Maximum (kN/g/m)	0.32 kN/g/m
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X - Load Bearing Linear Density (LBLD)	6.282 kg/m
X - Splice type and design	Tuck (4S-4Z)x5

Technical data

Average Immediate Strain (e) %\LDBF:10	8,87
Average Immediate Strain (e) %\LDBF:20	15,72
Average Immediate Strain (e) %\LDBF:30	11,65
Average Immediate Strain (e) %\LDBF:40	17,66
Average Immediate Strain (e) %\LDBF:50	18,94
Dynamic stiffness (K _{ex}) Exposed	11.38xTDBF
Dynamic stiffness (K _{sh}) Sheltered	3.00xTDBF
Line Design Break Force (LDBF)	182
Spliced MBL DRY [kN]	2099
Spliced MBL DRY [t]	214
Spliced MBL/LDBF [kN]	1785
Tail Design Break Force (TDBF)	182
Tension-tension endurance CTF 20%	3.46x10 ⁶ cycles
Tension-tension endurance CTF 50%	1.16x10 ⁴ cycles
Unspliced MBL [kN]	1982
Unspliced MBL [t]	202.2
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X - Tension-tension endurance CTF 50%	1.16x10 ⁴ cycles
X - Unspliced MBL [kN]	2099
X - Unspliced MBL [t]	202.2

Performance data

DNVGL	Y
SBA	N
Strength adjustment	10%
Var Range From	125%
Var Range To	130%

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