

Product group: 325

Product number: 412780

Product information

Specification

General

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)	5.741 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	29.08 t/kg/m
Load Bearing Linear Density (LBLD)	5.741 kg/m
Melting point	250 °C
NSBF (if requested)	Not requested
Rotating	false
Splice type and design	Tuck (4S-4Z)x5

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)	167
Spliced MBL DRY [kN]	1922
Spliced MBL DRY [t]	196
Spliced MBL/LDBF [kN]	1638
Tail Design Break Force (TDBF)	167
Tension-tension endurance CTF 20%	3.46x10^6 cycles
Tension-tension endurance CTF 50%	1.16x10^4 cycles
Unspliced MBL [kN]	1819
Unspliced MBL [t]	185.6

Dimensions/Weight

Diameter [mm]	96
Length [m]	22

Performance data

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