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TIMM MASTER 12 SBA F140 [88MM] 180M

Product group: 327 Product number: 410013

Product information

Specification

General

Material	75% Polyolefin & 25% HT Polyester
Material type and grade	Mxed polyolefins (B5 yarn) and HT PES

Physical properties

Colour	Blue and white anti-twisting colors
Construction	12 strand braided
Density	0.99
Density [kg/m3]	0.99
Elongation [%]	18% at break
Eyes	1,8mmesh braid protected eyes
Jacketed	false
Line Construction	12x1 braided
Line Linear Density (LLD)	4.02 kg/m
Line Tenacity (LT) Maximum	38.41 t/kg/m
Line Tenacity (LT) Maximum (kNg/m)	0.38 kNg/m
Line Tenacity (LT) Measured	37.70 t/kg/m
Load Bearing Linear Density (LBLD)	4.021 kg/m
Melting point	165°C
NSBF (if requested)	Nbt requested
Rotating	false
Splice type and design	TM12 2G
X - Line Linear Density (LLD)	4.02 kg/m
X - Line Tenacity (LT) Maximum	38.41 t/kg/m
X - Line Tenacity (LT) Maximum (kNg/m)	0.38 kNg/m
X - Line Tenacity (LT) Measured	37.70 t/kg/m
X - Load Bearing Linear Density (LBLD)	4.021 kg/m
X - Splice type and design	TM12 2G

Dimensions/Weight

Diameter [mm]	88
Length	180
Length [m]	180

Technical data

Angled Break Force (ABF) % Avg NSBF D/d = 10	181.42 (90.71)
Angled Break Force (ABF) % Avg NSBF D/d = 5	173.00 (86.50)
Angled Endurance (AE) % Avg NSBF D/d = 10	78.21
Angled Endurance (AE) % Avg NSBF D/d = 5	75.13
Average Immediate Strain (e) %LDBF:10	1.33
Average Immediate Strain (e) %LDBF:20	2.50
Average Immediate Strain (e) %LDBF:30	3.50
Average Immediate Strain (e) %LDBF:40	4.36
Average Immediate Strain (e) %LDBF:50	5.24
Axial Compression Resistance (ACR)	94.53% Avg NSBF
LDBF [kN] (from)	1334
LDBF [kN] (up to)	1485
LDBF [t] (from)	136
LDBF [t] (up to)	151
Line Design Break Force (LDBF)	151
Temperature (T) % BF at 20°C -20C	135/101
Temperature (T) % BF at 20°C 0C	124/103
Temperature (T) % BF at 20°C 20C	100/100
Temperature (T) % BF at 20°C 40C	84/93
Temperature (T) % BF at 20°C 60C	72/89
Temperature (T) % BF at 20°C 80C	57/89
Unspliced MBL [t]	168
X - Angled Break Force (ABF) % Avg NSBF D/d = 10	181.42 (90.71)
X - Angled Break Force (ABF) % Avg NSBF D/d = 5	173.00 (86.50)
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X - Temperature (T) %BF at 20°C -20C	135/101
X - Temperature (T) %BF at 20°C 0C	124/103
X - Temperature (T) %BF at 20°C 20C	100/100
X - Temperature (T) %BF at 20°C 40C	84/93
X - Temperature (T) %BF at 20°C 60C	72/89
X - Temperature (T) %BF at 20°C 80C	57/89
X - Unspliced MBL [t]	168

Performance data

DNVGL	Y
SBA	Y
Strength adjustment	10%
Var Range From	100%
Var Range To	105%