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TIMM MASTER 12 SBA F45 [51MM] 110M

Product group: **327** Product number: **410142**



Product information

Specification

General

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

Dimensions/Weight

Diameter [mm]	51
Length	110
Length [m]	110

Performance data

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

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	1,8m mesh braid protected eyes
Jacketed	false
Line Construction	12x1 braided
Line Linear Density (LLD)	1.424 kg/m
Line Tenacity (LT) Maximum	38.41 t/kg/m
Line Tenacity (LT) Maximum (kN/m)	0.38 kN/m
Line Tenacity (LT) Measured	38.04 t/kg/m
Load Bearing Linear Density (LBLD)	1.362 kg/m
Melting point	165°C
Splice type and design	TM12 2G

Technical data

Angled Break Force (ABF) % Avg NSBF D/d = 10	192.22 (96.10)
Angled Break Force (ABF) % Avg NSBF D/d = 5	195.17 (97.58)
Angled Endurance (AE) % Avg NSBF D/d = 10	68.07
Angled Endurance (AE) % Avg NSBF D/d = 5	79.81
Average Immediate Strain (e) %LDBF:10	1.06
Average Immediate Strain (e) %LDBF:20	2.37
Average Immediate Strain (e) %LDBF:30	3.55
Average Immediate Strain (e) %LDBF:40	4.66
Average Immediate Strain (e) %LDBF:50	5.72
Axial Compression Resistance (ACR)	102.5% Avg NSBF
LDBF [kN] (from)	398
LDBF [kN] (up to)	508
LDBF [t] (from)	40.5
LDBF [t] (up to)	51.8
Line Design Break Force (LDBF)	51.8
Temperature (T) % BF at 20°C -20C	107.6/109/115
Temperature (T) % BF at 20°C 0C	108.5/109/105
Temperature (T) % BF at 20°C 20C	100/100/100
Temperature (T) % BF at 20°C 40C	89.3/98/95
Temperature (T) % BF at 20°C 60C	77.5/92/90
Temperature (T) % BF at 20°C 80C	55/88/82
Unspliced MBL [t]	57.5

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