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# TIMM MASTER 12 SBA F140 [88MM] 180M

Product group: **327** Product number: **410013**



## Product information

## Specification

## General

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

## Dimensions/Weight

<b>Diameter [mm]</b>	88
<b>Length</b>	180
<b>Length [m]</b>	180

## Performance data

<b>DNVGL</b>	Y
<b>SBA</b>	Y
<b>Strength adjustment</b>	10%
<b>Var Range From</b>	100%
<b>Var Range To</b>	105%

## Physical properties

<b>Colour</b>	Blue and white anti-twisting colors
<b>Construction</b>	12 strand braided
<b>Density</b>	0.99
<b>Density [kg/m<sup>3</sup>]</b>	0.99
<b>Elongation [%]</b>	18% at break
<b>Eyes</b>	1,8m mesh braid protected eyes
<b>Jacketed</b>	false
<b>Line Construction</b>	12x1 braided
<b>Line Linear Density (LLD)</b>	4.02 kg/m
<b>Line Tenacity (LT) Maximum</b>	38.41 t/kg/m
<b>Line Tenacity (LT) Maximum (kN/g/m)</b>	0.38 kN/g/m
<b>Line Tenacity (LT) Measured</b>	37.70 t/kg/m
<b>Load Bearing Linear Density (LBLD)</b>	4.021 kg/m
<b>Melting point</b>	165°C
<b>NSBF (if requested)</b>	Not requested
<b>Rotating</b>	false
<b>Splice type and design</b>	TM12 2G

## Technical data

<b>Angled Break Force (ABF) % Avg NSBF D/d = 10</b>	192.22 (96.10)
<b>Angled Break Force (ABF) % Avg NSBF D/d = 5</b>	195.17 (97.58)
<b>Angled Endurance (AE) % Avg NSBF D/d = 10</b>	68.07
<b>Angled Endurance (AE) % Avg NSBF D/d = 5</b>	79.81
<b>Average Immediate Strain (e) %LDBF:10</b>	1.06
<b>Average Immediate Strain (e) %LDBF:20</b>	2.37
<b>Average Immediate Strain (e) %LDBF:30</b>	3.55
<b>Average Immediate Strain (e) %LDBF:40</b>	4.66
<b>Average Immediate Strain (e) %LDBF:50</b>	5.72
<b>Axial Compression Resistance (ACR)</b>	102.5% Avg NSBF
<b>LDBF [kN] (from)</b>	1334
<b>LDBF [kN] (up to)</b>	1485
<b>LDBF [t] (from)</b>	136
<b>LDBF [t] (up to)</b>	151
<b>Line Design Break Force (LDBF)</b>	151
<b>Temperature (T) % BF at 20°C -20C</b>	107.6/109/115
<b>Temperature (T) % BF at 20°C 0C</b>	108.5/109/105
<b>Temperature (T) % BF at 20°C 20C</b>	100/100/100
<b>Temperature (T) % BF at 20°C 40C</b>	89.3/98/95
<b>Temperature (T) % BF at 20°C 60C</b>	77.5/92/90
<b>Temperature (T) % BF at 20°C 80C</b>	55/88/82
<b>Unspliced MBL [t]</b>	168