



成功绳网工业有限公司

**Jaya Nets Sdn. Bhd.** 199501030006 (359212-K)

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**Manufacturer of all kinds of Synthetic Nets, Ropes, Twines & Yarns.**



## Mooring line certificate

Demonstrates that the products has been manufactured, tested and documented following the guidelines in appendix B of the Mooring Equipment Guidelines, Fourth Edition (MEG 4)

Name and Address of Manufacturer

Jaya Nets Sdn. Bhd.

Lot 720, Jalan Kapar, Batu 5 1/2, 42100 Klang, Selangor Darul Ehsan, Malaysia.

Line Standard

: Manufactured according to ISO 10572:2010

Tested according to ISO 2307:2019

### Line supply information

Ship design MBL		Certificate No. :	JN/01/874/0520824/01
NSBF (if tested)	52.51 M Tons	Date :	27/11/2024
Diameter	52 mm	Invoice No. :	E-006336
Length	220 meter	Number of Coil :	20 Coils
Jacketed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Bale No. :	156 - 160, 172 - 181
Splice type and design	Both End Eyes Splicing (6 Tucks)		286 - 289, A106
Material type and grade	Polypropylene & Polyester		
Manufacturer's part code and unique line identifier			
Line design designation (product name)	POLYMIX		
Line construction	8 - Strands Plaited		
Rotating?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

### Performance indicators

Line Design Break Force (LDBF)	51.46 M Tons					
Line Linear Density (LLD)	1,273 gm/m					
Load Bearing Linear Density (LBLD)	1,273 gm/m					
Line Tenacity (LT)	Measured	Maximum				
	0.040 M Tons / (gm/m)	0.040 M Tons / (gm/m)				
Angled Break Force* (ABF) % Avg NSBF	D/d Ratio: 5					
	170.68	183.49				
Angled Endurance* (AE) % Avg NSBF	D/d Ratio: 10					
	64.19	69.28				
Temperature (T) % BF at 20°C for PP	-20°C	0°C	20°C	40°C	60°C	80°C
	100.49	100.06	100.00	99.54	99.42	98.60
Temperature (T) % BF at 20°C for PES	-20°C	0°C	20°C	40°C	60°C	80°C
	101.31	100.63	100.00	98.68	98.55	98.24
Axial Compression Resistance* (ACR) % Avg NSBF	129.11 % Avg NSBF					
	% LDBF: 10	% LDBF: 20	% LDBF: 30	% LDBF: 40	% LDBF: 50	
Average Immediate Strain* (e)	6.59	7.55	8.53	9.45	10.5	

Line description: Include details of eye sizes/termination and chafe protection, etc.

8 Strands POLYMIX Line, White Colour, with 1.8 meter both ends Eye-splicing (with canvas). UV resistance

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QA/QC Department