



成功绳网工业有限公司

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

总公司HQ: SST NO.: B10-1808-21012375

Lot 720, Jalan Kapar Batu 5-1/2, 42100 Klang, Selangor D. E., Malaysia.

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分厂 Branch:

Lot 6, Lingkar Sultan Hishamuddin, North Klang Straits Industrial Estate,

42000 Port Klang, Selangor D. E., Malaysia.

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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/01/874/0400824/01 |
| NSBF (if tested)                                    | 31.06 M Tons  | Date :            | 2/11/2024            |
| Diameter  | 40 mm   | Invoice No. :     | E-006323             |
| Length  | 220 meter   | Number of Coil :  | 40 Coils             |
| Jacketed?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Bale No. :        | 285 - 297, A1 - A17  |
| Splice type and design                              | Both End Eyes Splicing (6 Tucks)                                    |                   | B1 - B10             |
| 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)                 | 29.11 M Tons          |                       |            |            |            |       |
| Line Linear Density (LLD)                      | 750 gm/m              |                       |            |            |            |       |
| Load Bearing Linear Density (LBLD)             | 750 gm/m              |                       |            |            |            |       |
|  | Measured              | Maximum               |            |            |            |       |
| Line Tenacity (LT)                             | 0.039 M Tons / (gm/m) | 0.039 M Tons / (gm/m) |            |            |            |       |
|  | D/d Ratio: 5          | D/d Ratio: 10         |            |            |            |       |
| Angled Break Force* (ABF) % Avg NSBF           | 170.68                | 183.49                |            |            |            |       |
| Angled Endurance* (AE) % Avg NSBF              | 64.19                 | 69.28                 |            |            |            |       |
|  | -20°C                 | 0°C                   | 20°C       | 40°C       | 60°C       | 80°C  |
| Temperature (T) % BF at 20°C for PP            | 100.49                | 100.06                | 100.00     | 99.54      | 99.42      | 98.60 |
| Temperature (T) % BF at 20°C for PES           | 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