



DONGYANG MANUFACTURING CO., LTD.

Manufacturers, Exporters & Importers

(LRQA ISO 9001:2015 Approval Certificate identity number: 10133938)

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ESTABLISHED 1949

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ORIGINAL

MOORING LINE CERTIFICATE

We hereby certify that the rope as listed below has been manufactured according Manufacturer specification and OCIMF Mooring Equipment Guidelines (MEG4) Forth edition 2018. Sampling test have been carried our according to the company quality and also meet the requirements of ISO 2307:2019(E)_test

Client	:	-	Certificate No.	:	DYSL/25111105 - 1
Client order No.	:	-	Issue Date	:	11 November 2025
Intend for	:	-	Tested acc. To	:	ISO 2307:2019(E)

LINE SUPPLY INFORMATION

Line design designation (product name)	:	MEGACORE 8 S/T ROPE	Quantity	:	1 coil(s)
Line construction	:	8 Strand	NSBF (If Tested)	:	Not requested
Material type and grade	:	Polyolefin & Polyester composite with marine coating	Length	:	220 m
Manufacturer's part code and unique line identifier	:	-	Color	:	N/White with 1-RED 1-BLUE tracers
Splice type and design	:	2m canvas covered eye at both ends	Rotating	:	No
Ship design MBL	:	-			
Rope MBL	:	-			
Diameter	:	50 mm			
Weight	:	281 Kg			
Jacket	:	No			

PERFORMANCE INDICATORS

Line Design Break Force(LDBF)	:	49.1 Ton							
Line Linear Density(LLD)	:	1.277 Kg/m							
Load Bearing Linear Density(LBLD)	:	1.277 Kg/m							
Line Tenacity(LT)	:	Measured	38.4 T/Kg/m	Maximum	38.8 T/Kg/m				
			D/d Ratio : 5		D/d Ratio : 10				
Angled Break Force *(ABF) % Avg NSBF	:	183%			201%				
Angled Endurance *(AE) % Avg NSBF	:	105.9%			112.1%				
Temperature (T) % BF at 20 °C	:	PP	-40 °C	-20 °C	0 °C	20 °C	40 °C	60 °C	80 °C
		PET	-	118.2	113	100	88.6	70.8	58.5
			-	109.6	104.9	100	92.3	87.6	83.5
Axial Compression Resistance *(ACR)	:	99.8% Avg NSBF							
Average Immediate Strain *(e)	:	%LDBF:10	%LDBF:20	%LDBF:30	%LDBF:40	%LDBF:50			
		4.2	6.7	8.3	9.7	10.5			

*Performance indicators are tested on 20mm mooring line

Line Description

PP + POLYESTER MIXED 8 S/T
MEGACORE
DIA 50MM X 220MTR
BALE NO.1
BUS 2514805/3

T.S. Kwon. Manager of
Quality Control Dept

Additional order information

LR Certificate No. : BUS 2514805/3



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