



TÜRK LOYDU

TYPE APPROVAL CERTIFICATE

This Certificate consists of 3 pages.

This is to certify that the

POLYSTEEL/ DANLINE MARINE FIBER ROPES

With type designations

AQUAMAR 2012

Manufactured by


MARMARA PLASTİK AMBALAJ İP SANAYİ VE TİCARET ANONİM ŞİRKETİ

Is found to comply with

Türk Loydu Rules for Materials, ISO EN 10325 and ISO EN 2307

Application	: Mooring and Towing of the vessels and offshore units
Design	: Marmara Plastik Ambalaj İp Sanayi ve Ticaret Anonim Şirketi
Sizes	: See second page.
Address of Manufacturer	: Osmangazi Mahallesi 2646.sk., No:3 Kirac - Esenyurt ISTANBUL
Place and date	: İSTANBUL, 12.07.2019

Subject to the conditions referred to in the following pages, this certificate is valid until 11.07.2024


Emrah SÖGÜTÇÜ *Act*
New Building Division Manager



Product description: Polysteel/ Danline Marine Ropes

Linear density: 0,92 kg/dm³

Construction: 8 Strand braided

Melting point : 165°C

Elongation: %18 - %20

Water absorption : 0 (floating rope)

Length: 200-220 m/Coil

Color: Every Color

PRODUCT CODE	THICKNESS mm	WEIGHT Kg /200 mt.	BREAKING LOAD Kgf
2012	40	143.64	28000
2012	44	176.00	33750
2012	48	208.18	39500
2012	52	245.82	45750
2012	56	283.64	52000
2012	60	326.36	59500
2012	64	370.00	67550
2012	68	418.18	76000
2012	72	468.18	84500
2012	76	521.82	94000
2012	80	580.00	104000
2012	84	639.09	114000
2012	88	701.82	125000

Type Designation : Aquamar 2012

Materials used : As per as manufacturer declaration: 75% Polypropylene/ % 25 Y.Y. Polyethylene mixed fiber.

Application/ Limitation (Approval conditions):

- Fibre ropes are to be delivered with a linear mass within ± 5 % of the nominal linear mass given in the table.
- For all covered ropes, weights in table are for load bearing elements (Core). Diameter, mm in table (Nominal diameter) and (un)spliced values is corresponding with relevant ISO standard. Thus measured values can be different.
- The Type Approval covers ropes with diameter from 40 mm to and including 88 mm.
- Scope of assessment is limited to evaluation of net mass per meter, type of lay and static strength.
- Fire resistance is not tested and rated, thus is not appropriate in the inflammable areas
- The Company (stated on the front page of this Certificate) takes the responsibility that both design and production are in compliance with Rules, Standards and/or Regulations listed on page 1 of this Certificate.

Documentation :

- Quality Management Certificate ISO 9001:2008
- Production Quality System Check List
- Calibration Plan and Certificates

Test carried out (and results) :

- Test Report No: 2019435, 2019436, 2019437 dated: 11.07.2019
- Survey Report dated 12.07.2019