

RUSSIAN MARITIME REGISTER OF SHIPPING

9.2.4

THE VOLUNTARY CERTIFICATION SYSTEM OF PRODUCTS AND FABRICATIONS OF INDUSTRIAL PURPOSES

POCC RU.B1719.04AIO03

## TYPE APPROVAL CERTIFICATE

This is to certify that on the basis of the survey and carried out tests the

Packing rubber profiles of type solid EPDM and sponge type EPDM.

Products Code      Customs Code: 253960/4005910000

Manufactured by    **GEMLAS GEMI LASTIK KAUCUK SANAYI TICARET LIMITED SIRKETI**  
**AYDINTEPE MAH. UNSIYET SK. NO:6 IC KAPI NO:2 TUZLA / ISTANBUL**

comply with the requirements of      Product Technical Data Sheet No.1-2022

This Type Approval Certificate is valid till: «10» 05 2025



Authorized person  O. Blinov



# RS

Certificate № 22.10097.240      Date of issue «10» 05 2022

**Technical data**

RESISTANCE TO OZON CRACKING: 50 pphm/ 30 °C/ 96h, 10 % elongation: no crack must be visible to the naked eye.  
DENSITY OF FINISHED PRODUCTS: sponge rubber: not less then 0,70 gr/cm<sup>3</sup> solid rubber: not less then 1,20 gr/cm<sup>3</sup>.  
ELONGATION AT BREAK OF FINISHED PRODUCTS: sponge rubber: not less then 200 % solid rubber: not less then 200 %.  
COMPRESSION FORCE AT 25% DEFORMATION: sponge rubber: not less then 0,30 Mpa solid rubber: not less then 0,40 Mpa.  
RESISTANCE TO ABRASION: test to be similar to DIN 20024 lenght of specimen: about 150 mm load of bar: 2,5 kg number of cycles: 2000 standard value: loss of weight less then 0,5 %.  
COLD RESISTANCE: a sample is to be exposed for a) 16 hat -25±2 °C b)16 hat -40±2 °C. The seal must be able to be compressed without break at the end of exposure.  
HARDNESS OF FINISHED PRODUCTS: sponge rubber: not more then 35 Shore A solid rubber: not more then 70 Shore A.  
TENSILE STRENGTH AT ELONGATION OF PRODUCTS: sponge rubber: not less then 0,90 Mpa solid rubber: not less then 5,00 Mpa.  
COMPRESSION AT PRESSURE OF 5000N: sponge rubber: not more then 30 mm solid rubber: not more then 25 mm.

**Applications / restrictions**

For sealing for hatch covers, windows, portholes and doors of vessels.

**Technical documentation and date of its review by Russian Maritime Register of Shipping**

The technical documentation was reviewed by RS with letter №240-381-5-95112 dated 25.04.2022.

**Product certification conditions**

The products shall be supplied with a copy of the present Type Approval Certificate on condition Annual inspection.

**Serial specimen has been tested under technical supervision of Russian Maritime Register of Shipping**

Report № 22.10098.240

dated «10» 05 2022