DNV·GL

Certificate No:
TAK00001TN

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Rope Socketing Compound

with type designation(s)
Socket Lock

Issued to
ITW Performance Polymers
Montgomeryville, PA, USA

is found to comply with
DNV GL class programme DNVGL-CP-0095 – Type approval – Pourable compound for rope socketing
DNV GL offshore standards

Application :

For socketing wire rope terminations.

Issued at **Høvik** on **2019-10-25**
This Certificate is valid until **2024-10-24**.
DNV GL local station: **New York**

Approval Engineer: **Gisle Hersvik**

for **DNV GL**

Rikard Törnqvist
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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Product description

Socket Lock: Polyester resin, for socketing wire rope terminations.

The following properties have been verified by Type Testing of cured resin samples:

Properties	**Test Method**	**Results**		
Compressive Strength	ISO 604	169	MPa	msv (mean)
Compressive Strength	ISO 604	124	MPa	msmv
Compressive Modulus	ISO 604	7 191	MPa	msv (mean)
Barcol Hardness	ISO 75-2	45	-	msv (mean)
Density	ISO 3838	1.647	g/m^3	msv (mean)
Density	ISO 3838	1.5	g/m^3	msv
Curing procedure used for Type Testing		Min. 2 hrs at room temperature, followed by 2 hrs at 80°C		

Legends:
mean: Mean of Type Test results
msv: Manufacturer's Specified Value (mean of Type Test results)
msmv: Manufacturer's Specified Minimum Value (to be below mean minus 2 standard deviations)

Place of manufacture

ITW Performance Polymers, 130 Commerce Drive, Montgomeryville, Pennsylvania (PA), United States

Application/Limitation

Wire rope socketing shall be carried out in accordance with manufacturer's recommendations.

Any significant changes in design and / or quality of the material will render the approval invalid.

Type Approval documentation

Tests carried out

Type Testing carried out in accordance with **Type Approval documentation**.

Marking of product

Product/package shall be marked with *manufacturer's name*; **ITW Performance Polymers, USA** and *type designation*; **Socket Lock**.

The marking is to be carried out in such a way that it is visible, legible and indelible. The marking of product is to enable traceability to the DNV GL Type Approval Certificate.

Periodical assessment

The scope of the Periodical Assessment is to verify that the conditions stipulated for the Type Approval is complied with and that no alterations are made to the product design or choice of materials.

Periodical assessments (for Certificate Retention and Certificate Renewal) shall be performed according to DNVGL-CP-0338.

This certificate is only valid if required Periodical assessments are carried out with satisfactory results. To check the validity of this certificate, please look it up in https://approvalfinder.dnvgl.com

Job Id: **262.1-010178-3**
Certificate No: **TAK00001TN**

END OF CERTIFICATE