

TEST REPORT

No. : TJIN2303000830ML01_EN

Date : 2023-03-15

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scan to see the report



TJIN2303000830ML01

CUSTOMER NAME: YUANXIAN HIGH-TECH MATERIAL TRADING (TIANJIN) CO., LTD
ADDRESS: 1116, HUA YING BUILDING, CENTER AVENUE, TIANJIN AIRPORT
ECONOMIC ZONE, TIANJIN PILOT FREE TRADE ZONE, TIANJIN,
CHINA

Sample Name : Low-Relaxation, Seven-Wire Steel Strang for Prestressed Concrete

Product Specification : 12.7mm, 270KSI

Material and Mark : SWRH82B

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Date of Receipt : 2023-03-03

Testing Start Date : 2023-03-03

Testing End Date : 2023-03-14

Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services (Tianjin) Co., Ltd..

Kevin Zhou
Authorized signatory



SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.
Materials Laboratory

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Tensile Test

Test Method: ASTM A416/A416M-18 and client's information

Test item	Minimum Breaking Strength of Strand (kN)	Minimum Load at 1% Extension (kN)	Proof force at 0.1% plastic extension (kN)	Total Elongation under load (A) L ₀ ≥600mm (%)	Elasticity modulus (E) (GPa)	Con.
Req.	≥184	≥165.3	-----	≥3.5	-----	-----
1	192.9	176.1	172.3	5.1	198	Pass

Note: The requirement is specified in ASTM A416/A416M-18 Nominal Diameter of Strand Φ12.7mm Grade 1860 Low-Relaxation.



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Materials Laboratory

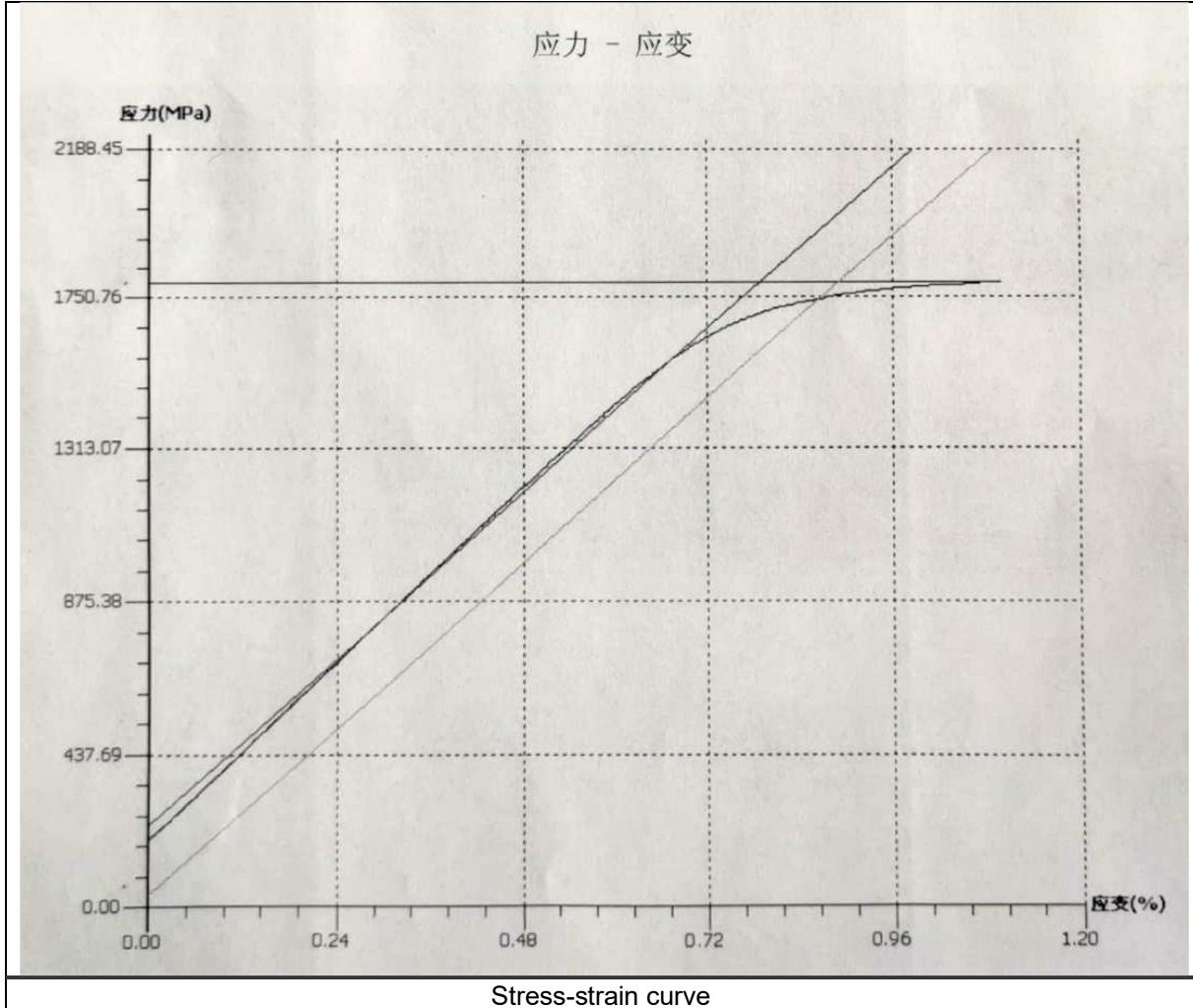
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The test report shall only be used for clients' scientific research, teaching, internal quality control, product research and development, etc... and just for internal reference.



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Sample Photo

***** End of report*****



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