

TEST REPORT

No. : TJIN1908012684ML

Date : Aug 20, 2019

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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 : Pre-stressed Concrete Steel Strand
Product Specification : 9.3mm
Material and Mark : SWRH82B
Other Information : Coil No. B19089019-2

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 : Aug 13, 2019
Testing Start Date : Aug 13, 2019
Testing End Date : Aug 20, 2019
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



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1. Test item: Tensile Test

Test Method: BS 5896-2012

Test item	Specimen type	Maximum Force, (F _m) /kN	Proof Force, (F _{p0.1}) /kN	Elongation (A _{gt}), (%) L ₀ =500mm	Elasticity modulus (E), GPa	Force ratio (σ)	Conclusion
Req.	-	96.7-111	≥85.1	≥3.5	----	1.05-1.17	-
Result	Unmachined specimen	102	92	4.5	195	1.11	Pass

Note: The results comply with the requirement of BS 5896-2012 type Y1860S7-d9.3mm.

The above test was carried out by an external laboratory assessed as competent.

2. Test item: Dimension Measurement

Test standard: BS 5896-2012

No.	Test Item	Nominal value	BS 5896-2012 requirements	Measure Result	Conclusion
1	Diameter(mm)	9.3	----	9.29	----
2	Cross-sectional area(mm ²)	52.0	----	52.1	----
3	Mass per meter (g/m)	406.1	±2%	407.3	Pass



SGS-CSTC Inspection & Testing Services (天津) Co., Ltd.
Materials Laboratory

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Sample photo

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



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