

TEST REPORT

No. : TJIN1906009205ML

Date : Jun 24, 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 : EN10138-3-Y1860S7-15.2-F2-C1
Material and Mark : SWRH82B
Other Information : Coil No.C19062030-2

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 : Jun 17, 2019
Testing Start Date : Jun 17, 2019
Testing End Date : Jun 24, 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: prEN 10138-3:2009(E)

Test item	Specimen type	Tensile strength (R _m) (MPa)	Maximum force (F _m) (kN)	Proof force (F _{p0.1}) (kN)	elasticity modulus (E) (GPa)	Elongation after fracture(A) L ₀ =600mm (%)	Conclusion
Req.	-----	≥ 1860	259~298	≥ 228	195	≥ 3.5	-----
1	Unmachined specimen	1928	268	248	195	5.0	Pass

Note: The results comply with the requirement of prEN 10138-3:2009(E)Steel name Y1860S7-d15.2.

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

2. Test item: Dimension Measurement

Test standard: EN10138-3-2009

No.	Test Item	Nominal value	EN10138-3-2009 requirements	Measure Result	Conclusion
1	Diameter(mm)	15.2	----	15.28	----
2	Cross-sectional area(mm ²)	139	----	140.8	----
3	Mass per meter (g/m)	1086	±2%	1100.3	Pass



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

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Sample photo

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



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