

TEST REPORT

No. : TJIN2107011977ML

Date : Aug 02, 2021

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CUSTOMER NAME: YUANXIAN HIGH-TECH MATERIAL TRADING (TIANJIN) CO., LTD
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ECONOMIC ZONE, TIANJIN PILOT FREE TRADE ZONE, TIANJIN,
CHINA

Sample Name : PC STEEL STRAND
Product Specification : EN10138-3-Y1860S7-12.5-R1-F1-C1
Product or Lot No. : B21078129-3
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 : Jul 28, 2021
Testing Start Date : Jul 28, 2021
Testing End Date : Aug 02, 2021
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	173~199	≥152	195*	≥3.5	-----
1	Unmachined specimen	1973	183.5	171.0	192	5.1	Pass

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

*refers to prEN 10138-3:2009(E)Table4 Notea

The above test project was carried out by subcontractors.

2. Test item: Dimension test

Test standard: EN10138-3: 2009

No.	Test Item	Nominal value	EN10138-3: 2009 requirements	Measure Result	Conclusion
1	Diameter(mm)	12.5	----	12.48	----
2-1	Outer wire diameter(mm)	----	----	4.08	----
2-2	Outer wire diameter(mm)	----	----	4.08	----
2-3	Outer wire diameter(mm)	----	----	4.06	----
2-4	Outer wire diameter(mm)	----	----	4.08	----
2-5	Outer wire diameter(mm)	----	----	4.07	----
2-6	Outer wire diameter(mm)	----	----	4.08	----
2-7	Center wire diameter(mm)	----	----	4.21	----
3	Mass per meter (g/m)	726.3	±2%	724.3	Pass



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Sample photo

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



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