

## TEST REPORT

No. : TJIN1904006015ML

Date : May 07, 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 : PC STRAND  
Product Specification : 12.5MM  
Product No. : B19048079-5  
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.

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Date of Receipt : Apr 29, 2019  
Testing Start Date : Apr 29, 2019  
Testing End Date : May 07, 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

Jalor Zhang  
Authorized signatory



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

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## TEST REPORT

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### 1. Test item: Tensile Test

Test Method: BS 5896-2012

Test item	Specimen type	Maximum Force, (F <sub>m</sub> ) /kN	Proof Force, (F <sub>p0.1</sub> ) /kN	Elongation (A <sub>gt</sub> ), (%) L <sub>0</sub> =500mm	Elasticity modulus (E), GPa	Force ratio (σ)	Conclusion
Req.	-	173-199	≥152	≥3.5	----	1.05-1.17	-
Result	Unmachined specimen	178.5	166.9	5.2	188.6	1.07	Pass

Note: The results comply with the requirement of BS 5896-2012 type Y1860S7-d12.5mm.

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

### 2. Test item: Dimension test

Test standard: BS 5896-2012

No.	Test Item	Nominal value	BS 5896-2012 requirements	Measure Result	Conclusion
1	Diameter(mm)	12.5	----	12.41	----
2	Cross-sectional area(mm <sup>2</sup> )	93.0	----	92.1	----



Sample photo

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



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