

TEST REPORT

No. : TJIN1908013659MR

Date : Sep 11, 2019

Page: 1 of 6



CUSTOMER NAME: HEBEI TUOSITE IMPORT&EXPORT TRADE CO;LTD
ADDRESS: NO.368, YOUYI NORTH STREET, XINHUA DISTRICT,
SHIJIAZHUANG, HEBEI, CHINA

Sample Name : Sun shade net
Product Specification : A4 size
Material and Mark : HDPE

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.

SGS Ref. No. : TJIN1907011142PS
Date of Receipt : Aug 30, 2019
Testing Start Date : Aug 30, 2019
Testing End Date : Sep 11, 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

Linda Yuan
Authorized signatory



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TEST REPORT

No. : TJIN1908013659MR

Date : Sep 11, 2019

Page: 2 of 6

Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Light Ageing Test-UV Exposure	ASTM G154-16 Cycle1 & ASTM D2616-12	Grey scale: scale 4	/
2	Tensile Test	ISO 527-1:2012 & ISO 527-3:2018 and client's requirement	See result	/

Note: Pass : Meet the requirements;
 Fail : Does not meet the requirements;
 / : Not Apply to the judgment.

Original Sample Photo:



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TEST REPORT

No. : TJIN1908013659MR

Date : Sep 11, 2019

Page: 3 of 6

1. Test Item: Light Ageing Test-UV Exposure

Sample Description: See photo

Test Method: ASTM G154-16 Cycle1 & ASTM D2616-12

Test Condition:

Exposure cycle:

ASTM G154-16 cycle 1

Lamp type: UVA-340

8h UV at (60±3)°C BPT, 0.89W/(m²•nm)@340nm

4h condensation at (50±3)°C BPT

Exposure duration: 1200h

Test Result:

Test Item	Test Result
Light Ageing Test-UV Exposure	Grey scale: scale 4

Note:

1. According to ASTM D2616-12, the grey scale was determined under the D65 standard light, with scale 5 as the best and scale 1 as the worst.
2. The results were carried out within 1 hour after above specified durations for the intermediate inspection as well as at the end of the exposure.
3. Test specimens were cut from the sample.



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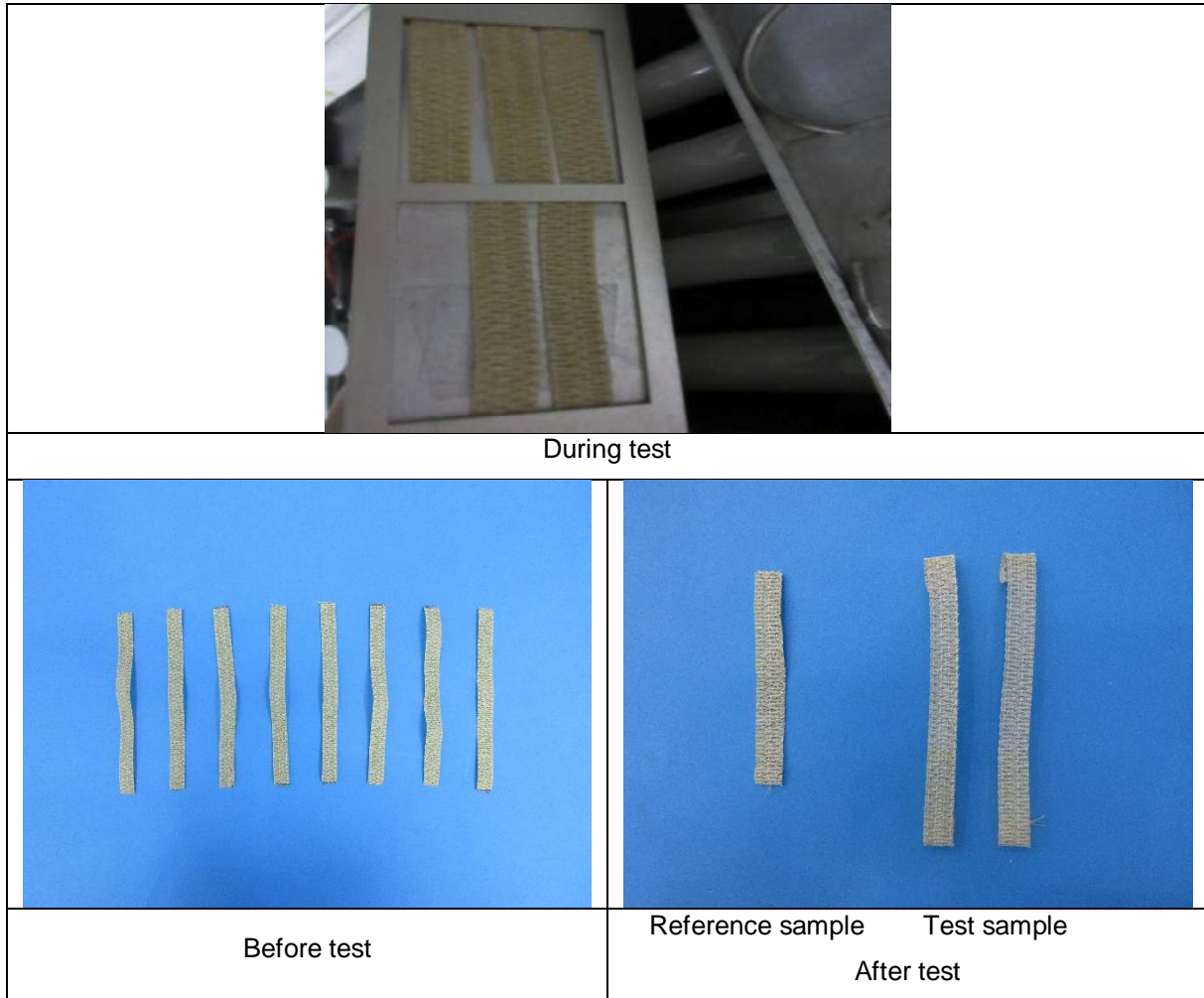
TEST REPORT

No. : TJIN1908013659MR

Date : Sep 11, 2019

Page: 4 of 6

Test Photo:



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
UV Accerlerated Weathering Tester	QUV/se	POL-020	2018-11-05	2019-11-04



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TEST REPORT

No. : TJIN1908013659MR

Date : Sep 11, 2019

Page: 5 of 6

2. Test Item: Tensile Test

Sample Description: See photo

Test Method: ISO 527-1:2012 & ISO 527-3:2018 and client's requirement

Test Condition:

Specimen: Type 2

Specimen width: 15 mm

Testing speed: 100 mm/min

Initial distance between grips: 100 mm

Aging condition: See test item 1

Lab Environmental Condition: (23 ± 2) °C, (50 ± 5) % RH

Test Result:

Test Item	Test Result	
Force at Break	As received	197N
	After ageing	176N
	Retention rate	89.3%

Note:

1. Test specimens were cut from the sample.
2. Retention Rate, % = Value after ageing / Value as received × 100
3. The results for as received are extracted from the test report No. TJIN1907011163MR.
4. The result was reference only as the number of specimens does not meet the requirement.



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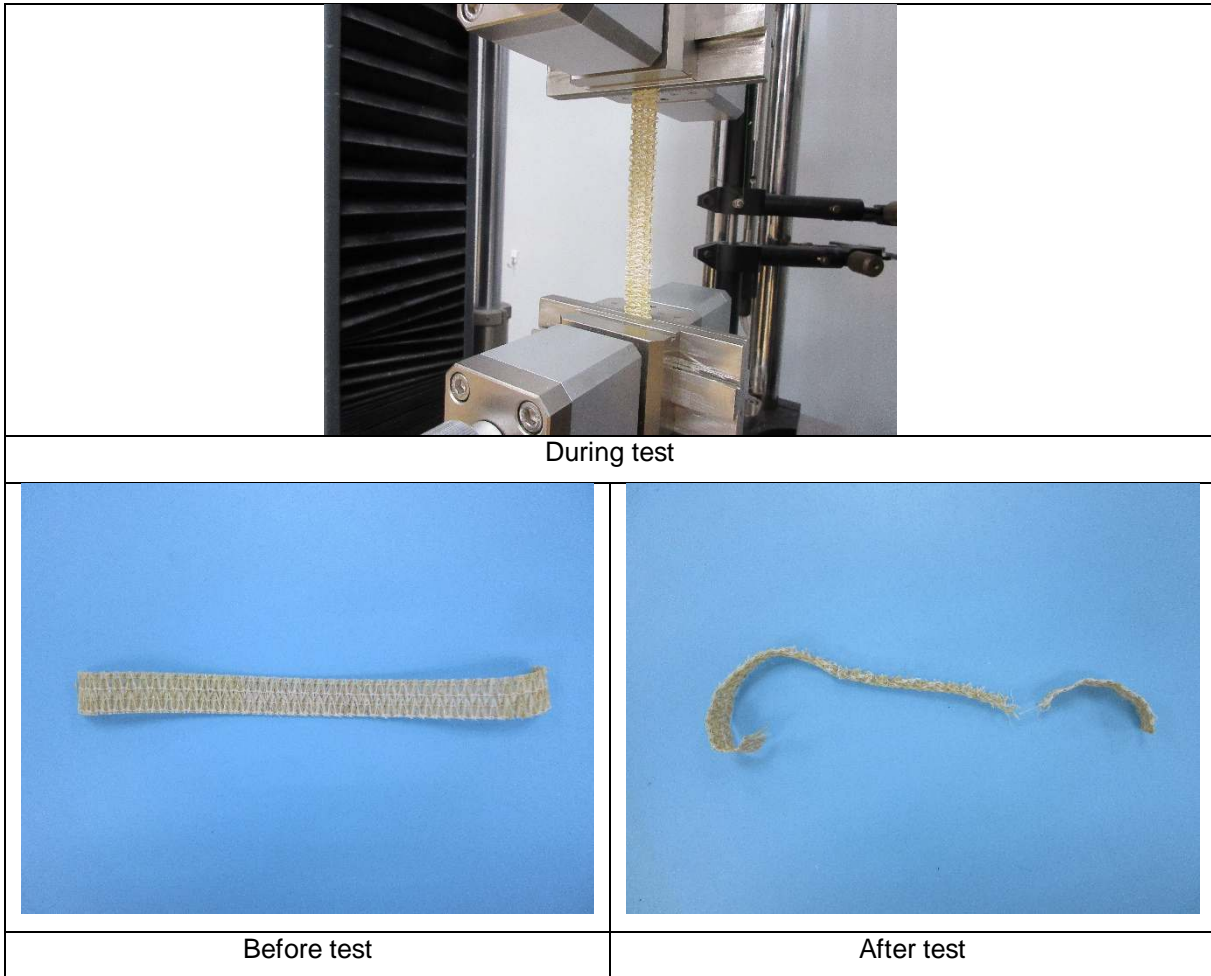
TEST REPORT

No. : TJIN1908013659MR

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Page: 6 of 6

Test Photo:



During test

Before test

After test

Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Universal Testing Machine	CMT4304	POL-116	2018-11-05	2019-11-04

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



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