

TEST REPORT

No. : GZIN1803013422PS

Date : Apr 03, 2018

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CUSTOMER NAME: ZHONG SHAN LIN-YANG PLASTICS CO., LTD
ADDRESS: NO.22, YIXIAN ROAD, HUOJU DEVELOPMENT ZONE, ZHONGSHAN CITY, GUANGDONG PROVINCE, CHINA

Sample Name : PVC RUBBER COATED FABRIC

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. : GZIN1803013582MR
Date of Receipt : Mar 23, 2018
Testing Start Date : Mar 23, 2018
Testing End Date : Apr 03, 2018
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 Co., Ltd. GZ Branch Testing
Center



Eleain Fan
Authorized signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Center Materials Laboratory

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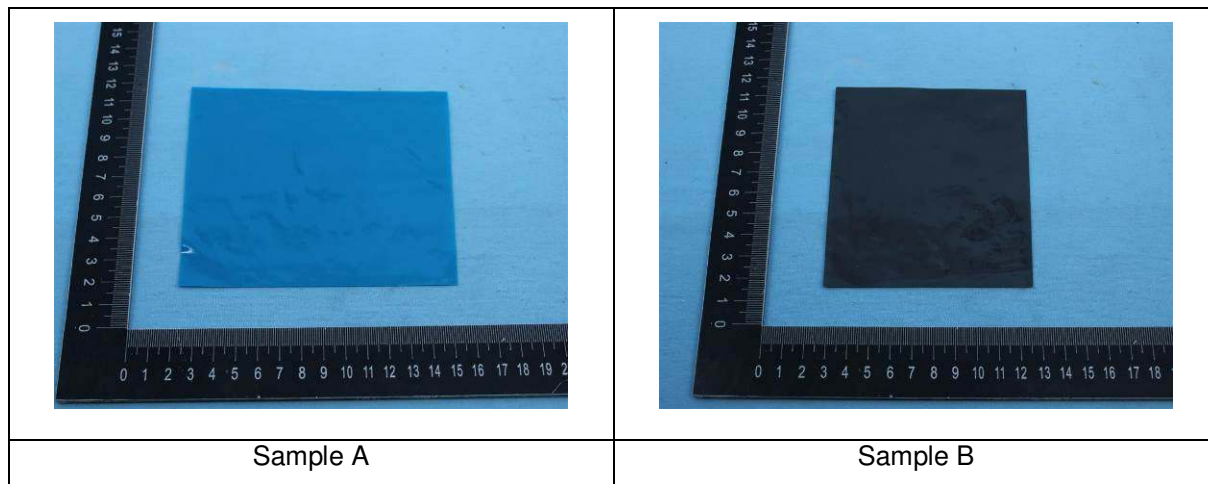
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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Color Fastness to Crocking	ASTM D5053-03 (2015)	Staining scale (Cloth): 5	/
2	Light Ageing Test-UV Exposure	ASTM G154-16 Cycle 1 & ISO 105-A02:1993/Cor.2:2005	See results	/
3	Brittleness Temperature by Impact	ASTM D1790-14	Sample C Number of specimen failures: 0	/

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

Original Sample Photo:



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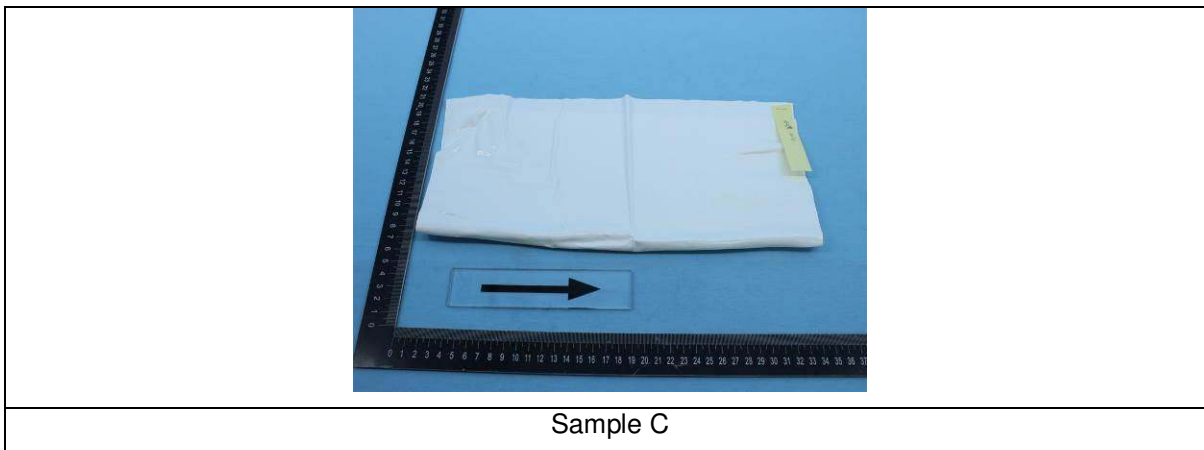
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1. Test item: Color Fastness to Crocking

Sample Description: See photo

Test Method: ASTM D5053-03 (2015)

Test Condition:

Load: 9N

Diameter of Rubbing Finger: 16 mm

Rubbing Material: AATCC-8 white cotton cloth

Rubbing Speed: 60cpm

Cycles: 10

Rubbing method: Dry rubbing

Test Result:

Sample	Test item	Test results
A	Color Fastness to Crocking	Staining scale (Cloth): 5

Note: According to AATCC Evaluation Procedure 2-2012, the gray scale was determined under the D65 standard light, with scale 5 as the best and scale 1 as the worst.



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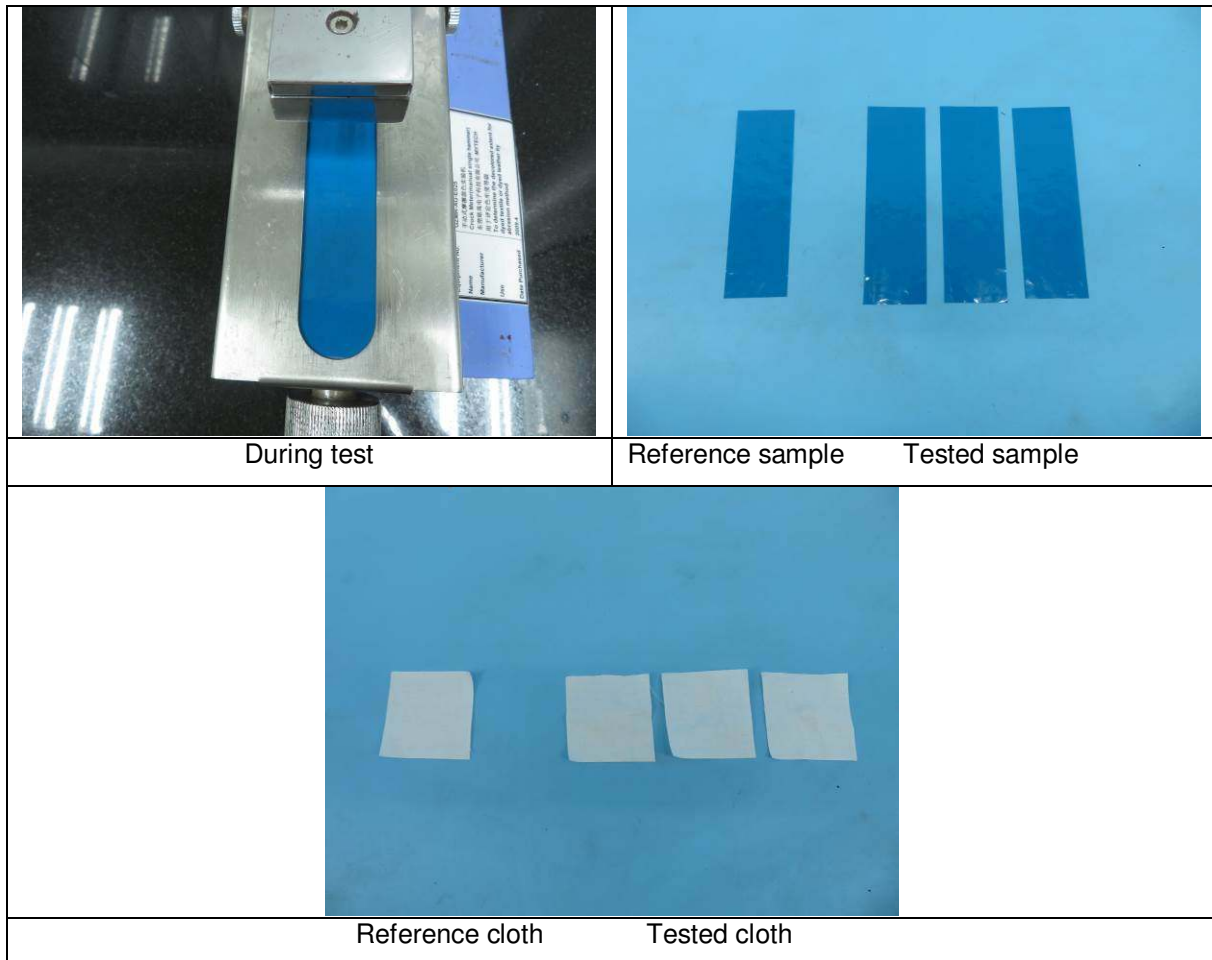
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Test Photo:



During test

Reference sample

Tested sample

Reference cloth

Tested cloth

Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Crockmeter(Manual)	MY-5223-B	GZMR-AG-E025	2018-01-17	2019-01-16
Colour Assessment Cabinet	CAC60	GZMR-AG-E003	2017-07-04	2018-07-03



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2.Test Item: Light Ageing Test-UV Exposure

Sample Description: See photo

Test Method: ASTM G154-16 Cycle 1 & ISO 105-A02:1993/Cor.2:2005

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: 72h

Test Result:

Sample	Test item	Grey scale	Appearance
B	Light Ageing Test-UV Exposure	4	Visible discoloration and spots

Note: According to ISO 105-A02:1993/Cor.2:2005, the grey scale was determined under the D65 standard light, with scale 5 as the best and scale 1 as the worst.



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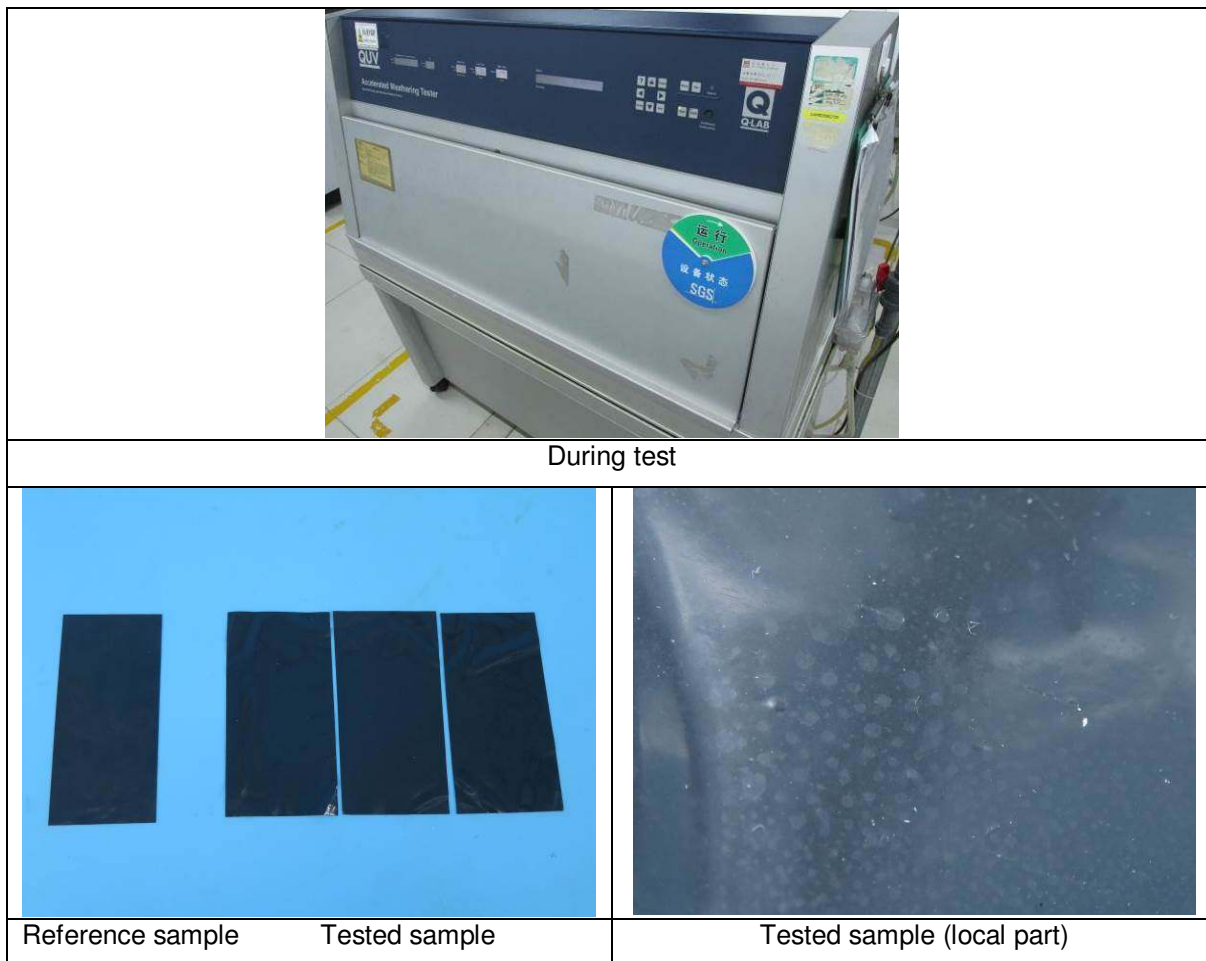
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Test Photo:



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
UV Accelerated Weathering Tester	QUV/Spray	GZMR-AG-E057	2017-05-17	2018-05-16
Colour Assessment Cabinet	CAC60	GZMR-AG-E003	2017-07-04	2018-07-03



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3. Test Item: Brittleness Temperature by Impact

Sample Description: See photo

Test Method: ASTM D1790-14

Test Condition:

Test temperature: -30 °C

Exposed time of test specimen to test temperature: 15 min

Specimen thickness: 0.208 mm

Number of specimens tested: 10

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

Test Result:

Sample	Test Item	Test Result
C	Brittleness Temperature by Impact	Number of specimen failures: 0

Original data

Specimen	1	2	3	4	5	6	7	8	9	10
-30 °C	√	√	√	√	√	√	√	√	√	√

Note:

1. "X" Indicate the specimen failure. "√" Indicate the specimen non-failure.
2. Test specimens were cut from the sample.



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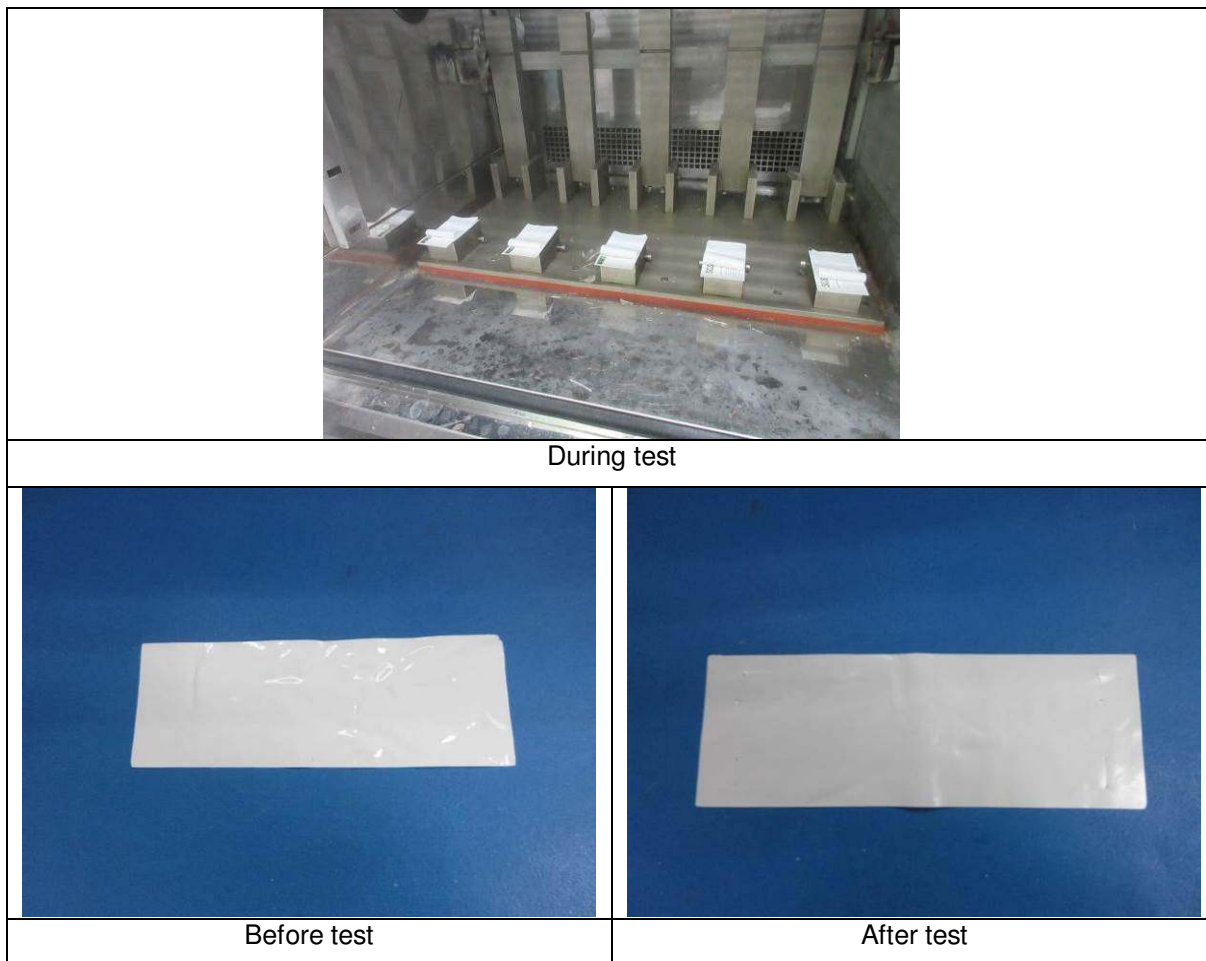
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Test Photo:



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
High/Low Temperature Impact Chamber	MS-WSJ-360B	GZMR-PL-E137	2017-07-04	2018-07-03

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



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