

TEST REPORT

No. : GZIN2004017153MR

Date : May 08, 2020

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CUSTOMER NAME: SHENZHEN XINTAO ACRYLIC CO., LTD
ADDRESS: 11/F, BUILDING G1, XINGHE WORLD BUILDING, NO.1 YABAO ROAD,
LONGGANG DISTRICT, SHENZHEN ANHUI, CHINA

Sample Name : ACRYLIC SHEET

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. : CP20-018971
Date of Receipt : Apr 27, 2020
Testing Start Date : Apr 27, 2020
Testing End Date : May 08, 2020
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



Kelly Lee
Authorized signatory



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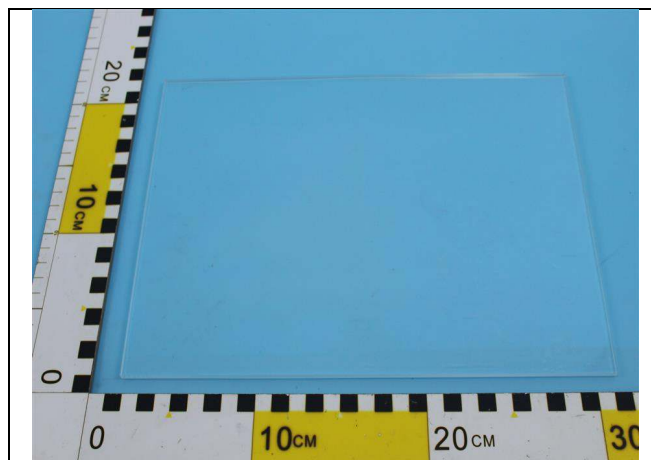
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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Light Ageing Test-UV Exposure	ASTM D4329-13 Cycle A	See result	/
2	Total Luminous Transmittance	ASTM D1003-13 Procedure A	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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1. Test Item: Light Ageing Test-UV Exposure

Sample Description: Plastic part

Test Method: ASTM D4329-13 Cycle A

Test Condition:

Exposure cycle:

ASTM D4329-13 Cycle A

Lamp type: UVA-340

8h UV at $(60 \pm 2.5)^\circ\text{C}$ BPT, $0.89 \text{ W}/(\text{m}^2 \cdot \text{nm})$ @340nm

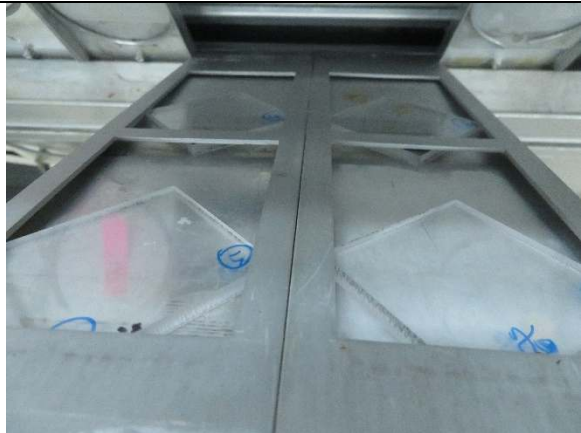
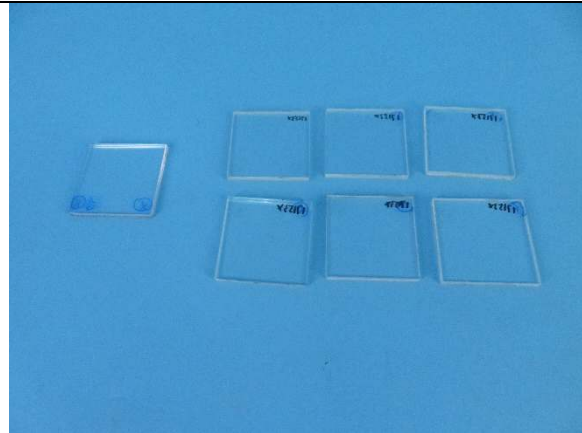
4h condensation at $(50 \pm 2.5)^\circ\text{C}$ BPT

Exposure duration: 120h

Test Result:

Test Item	Result
Light Ageing Test-UV Exposure	See test Item 2

Test Photo:

	
During test	Reference sample Tested sample

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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
UV Accelerated Weathering Tester	QUV-Se	GZMR-AG-E058	2020-03-09	2021-03-08

2. Test Item: Total Luminous Transmittance

Sample Description: Plastic part

Test Method: ASTM D1003-13 Procedure A

Test Condition:

As received condition: $(23 \pm 2)^{\circ}\text{C}$, $(50 \pm 5)\%\text{RH}$, 48h

Light ageing condition: See item 1 $\rightarrow$ $(23 \pm 2)^{\circ}\text{C}$, $(50 \pm 5)\%\text{RH}$, 24h

Specimen thickness: 4.59mm

Light source: C

Lab Environmental Condition: $23 \pm 2^{\circ}\text{C}$, $50 \pm 5\%\text{RH}$

Test Result:

Test Item	Test Result	
Total Luminous Transmittance	As received	93.2%
	After light ageing	93.1%
	Change Rate	-0.1%

Note:

1. Change Rate, $\% = (\text{Value after ageing} - \text{Value as received}) / \text{Value as received} \times 100$
2. Test specimens were cut from the sample.



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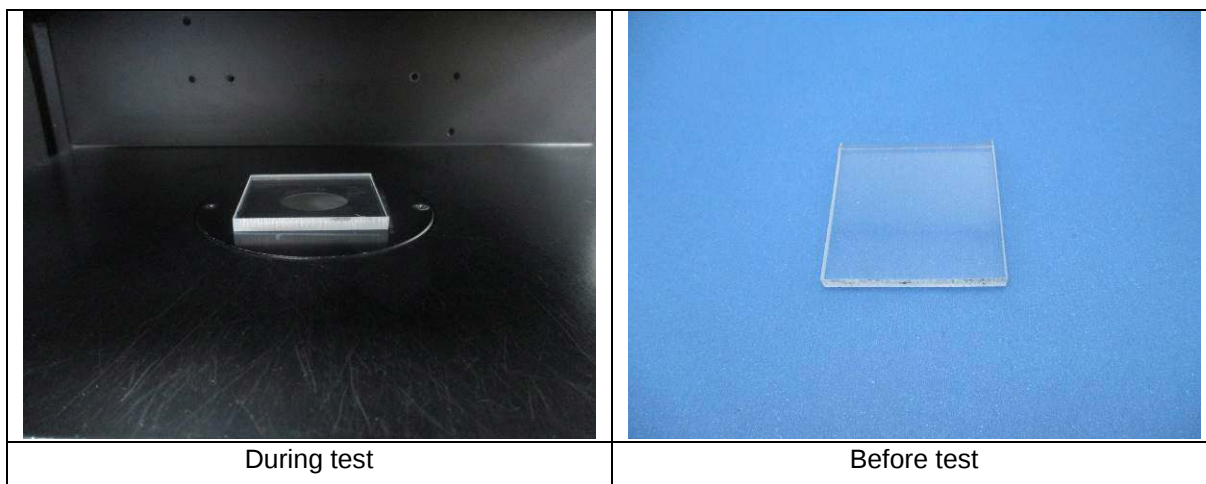
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Test Photo:



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Hazemeter	NDH5000	GZMR-PL-E083	2019-11-14	2020-11-13

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



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