

TEST REPORT

No. : GZMR250401137505-1

Date : Jun 18, 2025

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CUSTOMER NAME: Jiang Su Wan Yuan New Materials Co., Ltd.
ADDRESS: XingyeRoad,ShangdangTown,DantuDistrict,Zhenjiang,Jiangsu,China

Sample Name : Aluminum box with polymer UV-resistant coating

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. : SHP25-011946
Date of Receipt : Apr 18, 2025
Testing Start Date : Apr 18, 2025
Testing End Date : Jun 10, 2025
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. Guangzhou Branch

Anson Yang

Anson Yang
Authorized signatory



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

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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Light Ageing Test-UV Exposure	ASTM G154-23 Cycle 1	See result	Pass

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



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1. Test Item: Light Ageing Test-UV Exposure

Sample Description: A-Sheet

Test Method: ASTM G154-23 Cycle 1

Test Condition:

Exposure Cycle:

Lamp Type: UVA-340

8h UV at $(60 \pm 3)^{\circ}\text{C}$ BPT, $0.89\text{W}/(\text{m}^2 \cdot \text{nm})@340\text{nm}$

4h condensation at $(50 \pm 3)^{\circ}\text{C}$ BPT

Exposure Time: 1000h

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

Test Result:

Sample A

Specimen	Appearance	Gloss loss, %	Client's requirement	Conclusion
A	Visible discoloration	3.5	Gloss loss $\leq 10\%$	Pass

Note: According to ISO 2813:2014, Gloss loss (60° geometry) = (the gloss before test - the gloss after test) / the gloss before test X100%.



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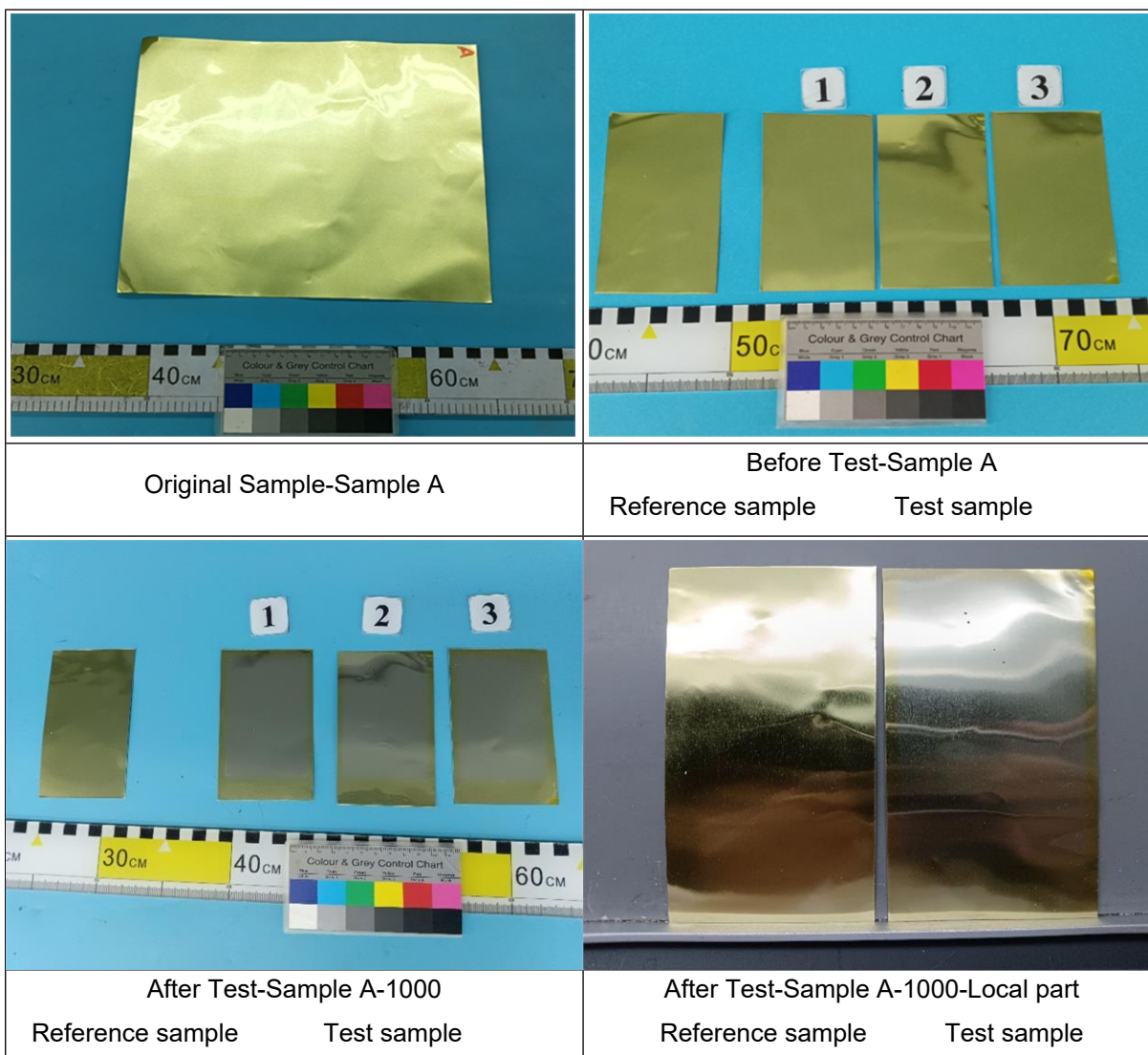
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Test Photo:



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Equipment Information:

Equipment Name	Model	Equipment No.	Calibration date	Next Calibration date
Specular Gloss Meter	4563	GZMR-AG-E301	2024-09-13	2025-09-12
UV Accelerated Weathering Tester	QUV-Se	GZMR-AG-E058	2024-10-11	2025-10-10

Appendix information:

*Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

*This test report supersedes test report No. GZMR250401137505, the original report will be invalid from today.

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



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