

TEST REPORT

No. : GZMR250300733601

Date : Apr 11, 2025

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

Sample Name : Polymer super anti-corrosion and UV-resistant coated aluminum foil

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. : SHP25-007162
Date of Receipt : Mar 18, 2025
Testing Start Date : Mar 18, 2025
Testing End Date : Apr 11, 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

Cathy Peng
Authorized signatory



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SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch (Member of SGS Group)

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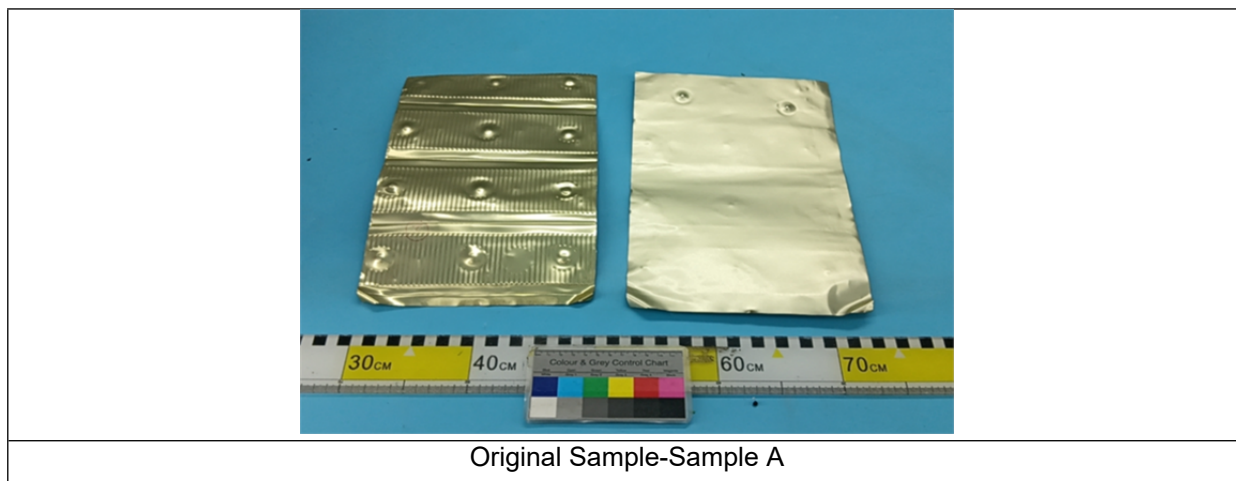
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Summary of Results:

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

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

Original Sample Photo:



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Test Item: Light Ageing Test-UV Exposure

Sample Description: Sheet

Test Method: ASTM G154-23 Cycle 1

Test Condition:

Exposure cycle:

Lamp type: UVA-340

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

4h condensation at (50±3)°C BPT

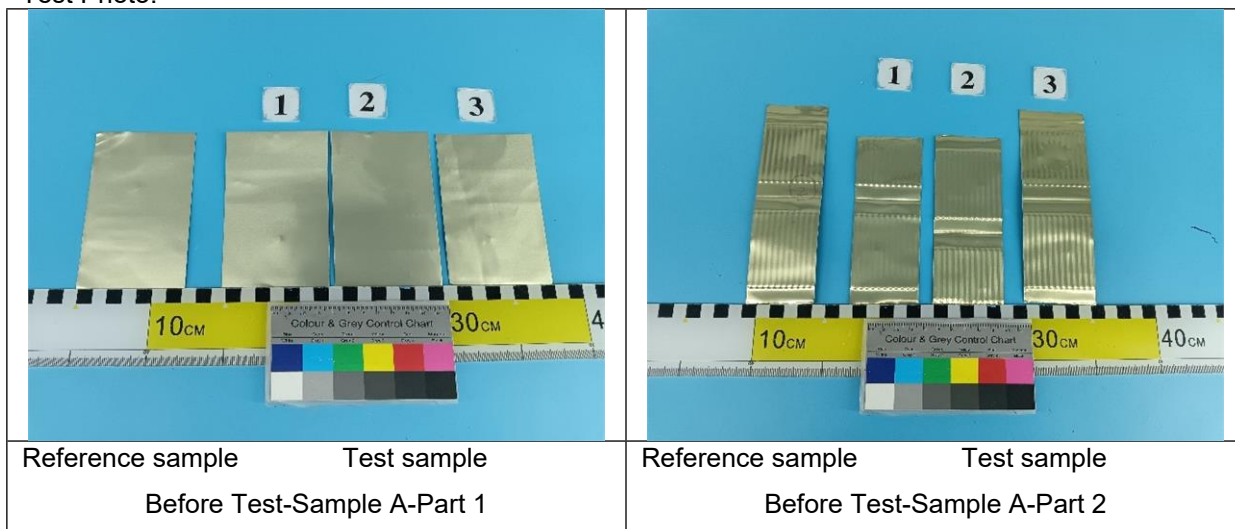
Exposure duration: 500h

Test Result:

Sample		Gloss loss	Client's requirement	Conclusion
A	Part 1	0	Gloss loss<10%	Pass
	Part 2	/		/

Note: Gloss loss(60°geometry)= (the gloss before test - the gloss after test)/the gloss before test X100%. If the gloss increases, the gloss loss will be specified to 0.

Test Photo:



Reference sample

Test sample

Before Test-Sample A-Part 1

Reference sample

Test sample

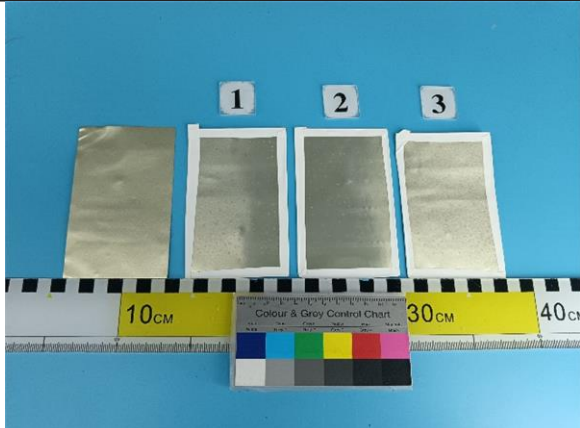
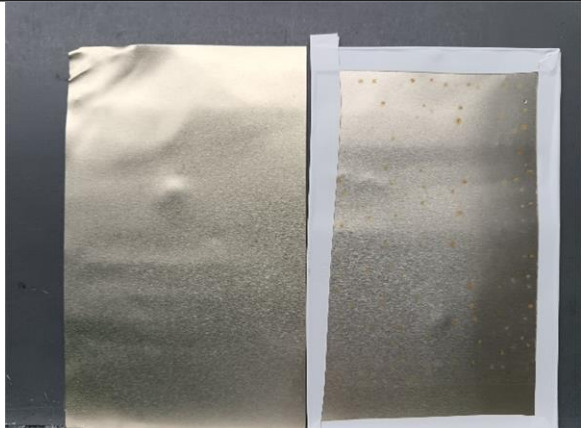
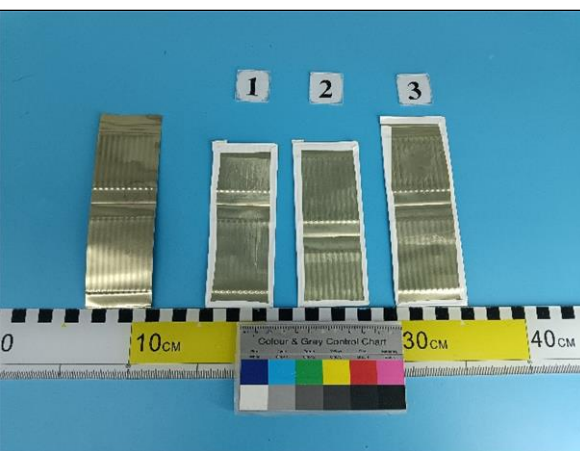

Before Test-Sample A-Part 2

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<p>Reference sample Test sample</p> <p>After Test-Sample A-Part 1</p>	<p>Reference sample Test sample</p> <p>After Test-Sample A-Part 1(Local part)</p>
	
<p>Reference sample Test sample</p> <p>After Test-Sample A-Part 2</p>	<p>Reference sample Test sample</p> <p>After Test-Sample A-Part 2(Local part)</p>

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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
UV Accelerated Weathering Tester	QUV-Se	GZMR-AG-E058	2024-10-11	2025-10-10
Specular Gloss Meter	4446	GZMR-AG-E119	2024-04-23	2025-04-22

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.

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



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