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检测
TESTING
CNAS L0167

TEST REPORT

No. : GZMR260300868602

Date : Mar 27, 2026

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CUSTOMER NAME: YANTAI HONGQING PACKING MATERIAL CO.,LTD
ADDRESS: EASTERN INDUSTRIAL PARK.TAOCUN QIXIA.YANTAI.CHINA

Sample Name : THERMAL LAMINATION FILM

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. : QDP26-001437

Date of Receipt : Mar 23, 2026

Testing Start Date : Mar 23, 2026

Testing End Date : Mar 27, 2026

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

Kelly Lee
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	Tensile Test	ASTM D882-18	See Results	/
2	Dimensional Stability	ASTM D1204-25	See Results	/
3	Coefficient of Friction	ASTM D1894-24	See Results	/

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



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1. Test Item: Tensile Test

Sample Description: A1-Film,A2-Film

Test Method: ASTM D882-18

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

Test Condition:

Specimen Width: 15 mm

Sample A1-Specimen Thickness: 0.021 mm

Sample A2-Specimen Thickness: 0.022 mm

Grip Separation: 100 mm

Test Result:

Sample A1-X direction

Test Speed:50 mm/min

Test Item	Tensile Strength, MPa	Elongation at Break, %
Test Result	164	29

Notes:

Test specimens were cut from the sample.

Sample A2-Y direction

Test Speed:50 mm/min

Test Item	Tensile Strength, MPa	Elongation at Break, %
Test Result	112	160

Notes:

Test specimens were cut from the sample.

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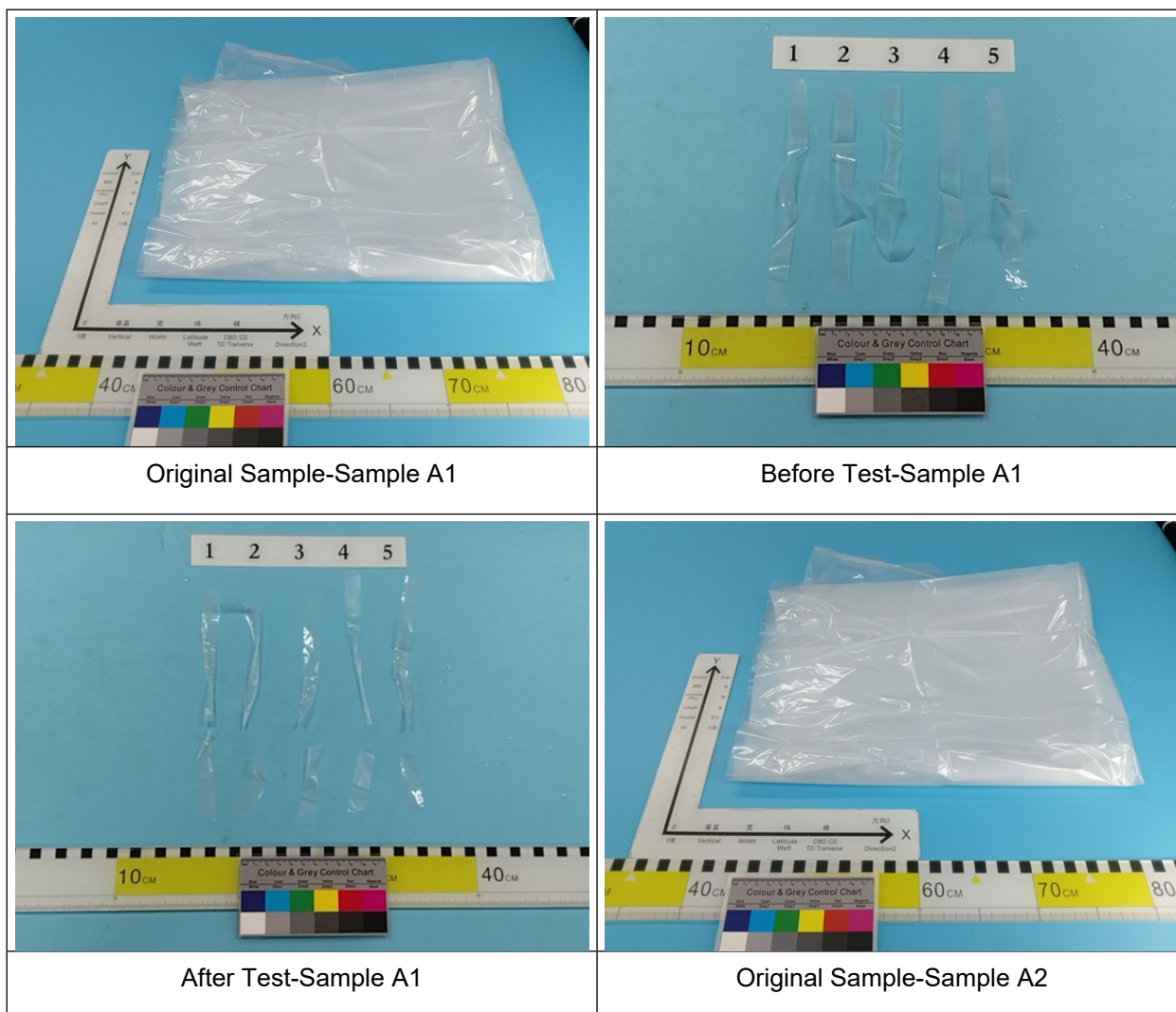
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Test Photo:

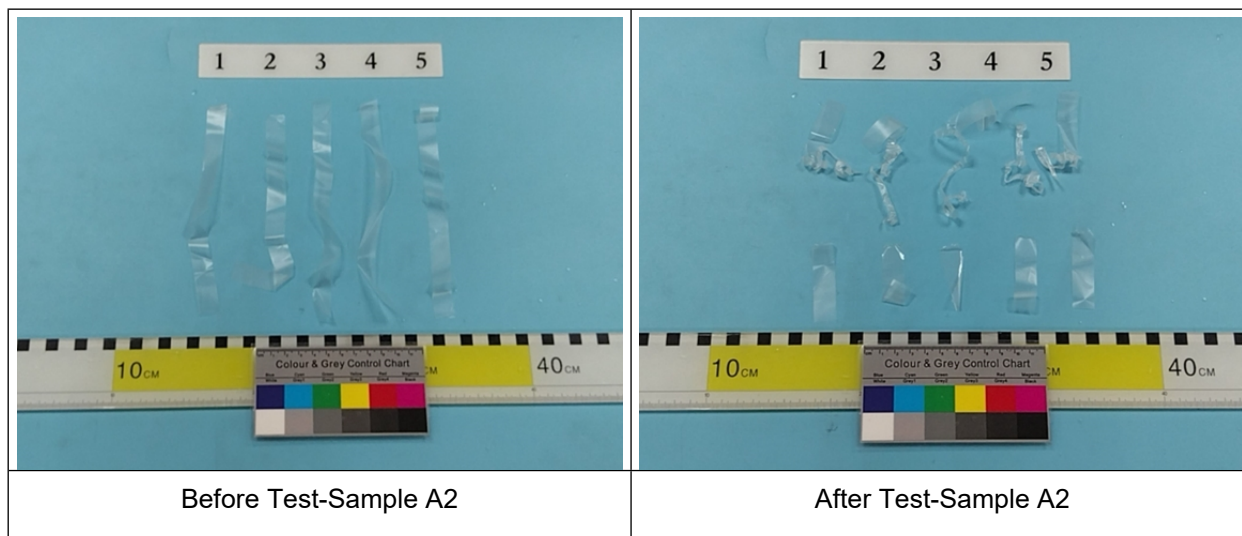


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Equipment Information:

Equipment Name	Model	Equipment No.	Calibration date	Next Calibration date
Universal Testing Machine	Z1.0	GZMR-PL-E168	2026-02-27	2027-02-26



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2. Test Item: Dimensional Stability

Sample Description: A-Film

Test Method: ASTM D1204-25

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

Test Condition:

Specimen: 250mm × 250mm

Medium: Talc powder

Test Result:

Sample A

Test treatment temperature: 150 °C; Test treatment time: 30 min

Test Item	Dimensional Stability(X direction), %	Dimensional Stability(Y direction), %
Test Result	-20.1	-13.8

Notes:

1. Dimensional Stability, %=(Dimension after test-Dimension before test)/Dimension before test × 100
2. Test specimens were cut from the sample.
3. Test item is not within the CNAS accredited scope.



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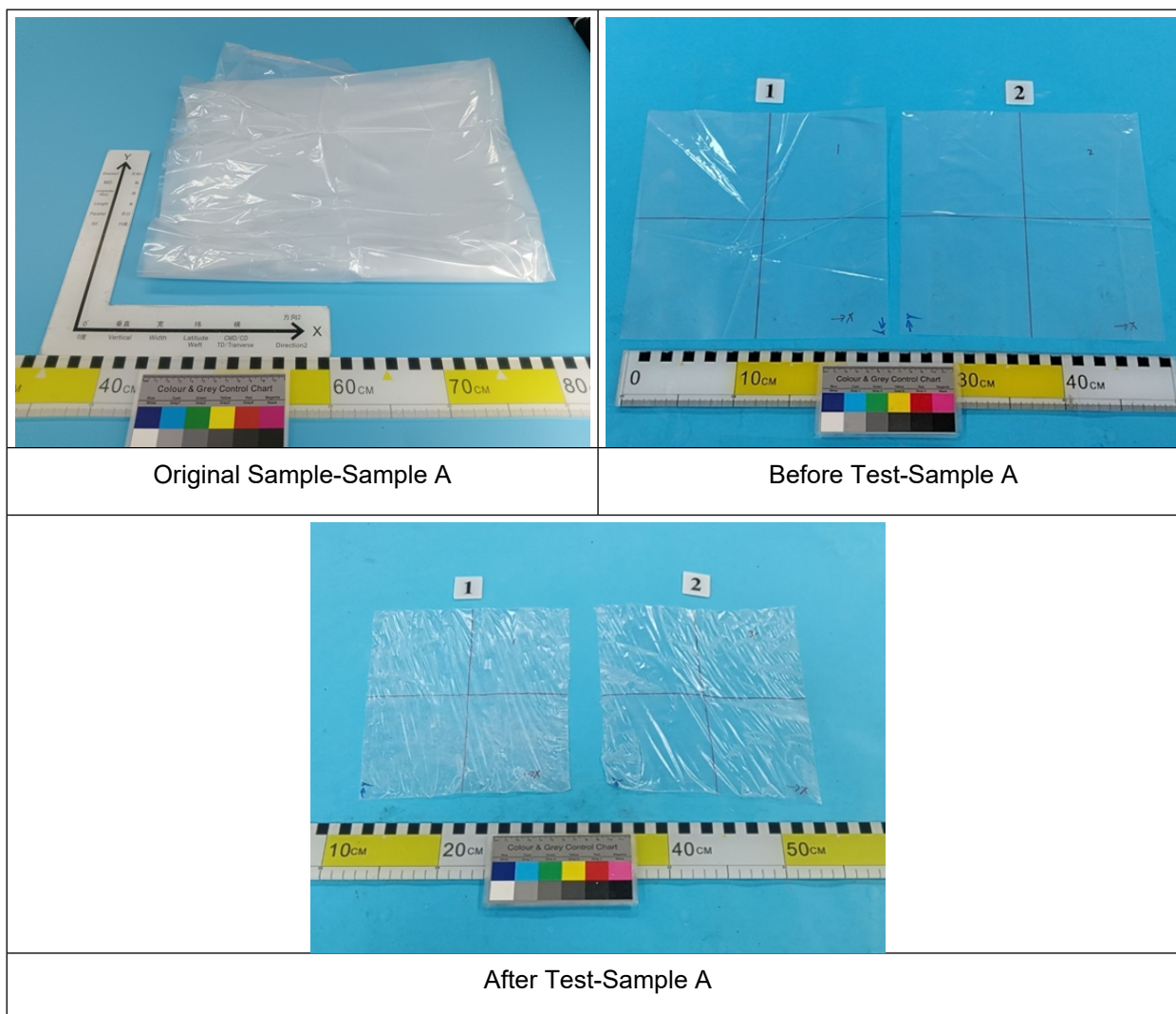
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Test Photo:



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Equipment Information:

Equipment Name	Model	Equipment No.	Calibration date	Next Calibration date
Air Oven	DH611C	GZMR-PL-E431	2025-11-21	2026-11-20
Digital Vernier Caliper	CD-30AX	GZMR-PL-E041-28	2025-08-13	2026-08-12



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3. Test Item: Coefficient of Friction

Sample Description: A-Film

Test Method: ASTM D1894-24

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

Test Condition:

Specimen Thickness: 0.021 mm

Test Speed: 150 mm/min

Test Result:

Sample A

Friction Medium: Sample itself

Test Item	Static Coefficient of Friction	Kinetic Coefficient of Friction
Test Result	0.260	0.239

Notes:

1. Test specimens were cut from the sample.
2. The bright surface was tested.

Test Photo:



Original Sample-Sample A



Before Test-Sample A



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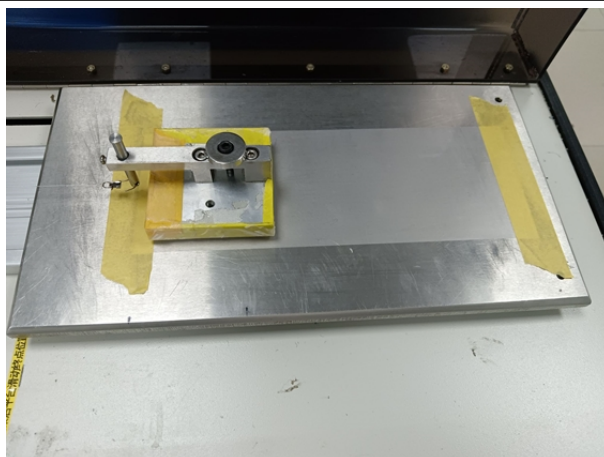
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After Test-Sample A

Equipment Information:

Equipment Name	Model	Equipment No.	Calibration date	Next Calibration date
Friction Coefficients Tester	MXD-02	GZMR-PL-E078	2025-04-16	2026-04-15

Appendix information:

*The test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc. and just for client internal reference.

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



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