

TEST REPORT

No. : GZIN2504001362PL02_EN

Date : 2025-04-25

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CUSTOMER NAME: LANDY(GUANGZHOU) PLASTIC PRODUCTS CO., LTD
ADDRESS: NO.215 SHIPAI INDUSTRIAL ZONE, DONGCHONG TOWN, NANSHA DISTRICT, GUANGZHOU, CHINA

Sample Name : DOUBLE METALLIZED FOIL EPE INSULATION
Product Specification : Thinkness 5mm
Manufacturer : LANDY

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.

Date of Receipt : 2025-04-17
Testing Period : 2025-04-17 ~ 2025-04-25
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.

Quincey Lee
Authorized signatory



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

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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Thermal Conductivity and Thermal Resistance	ASTM C518-21	See Result	N/A

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

Original Sample Photo(s):



Specimen 002



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Test Item: Thermal Conductivity and Thermal Resistance

Test Method: ASTM C518-21

Test Condition:

Specimen 002: 300mm×300mm×5.0mm, 1pc

Density: about 28.1kg/m³

Mean temperature: 50°C

Temperature difference: 20°C

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

Test Result:

Test Item		Test Result
Thermal Conductivity	Specimen 002	0.035 W/(m·K)
Thermal Resistance	Specimen 002	0.143 (m ² ·K)/W

Note:

1. The test result can not be compared with other results obtained from different test conditions, and should not be cited to the use condition directly.
2. Test specimen was cut from original sample.

Specimen Photo(s):



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设备信息:

Equipment	Model	Equipment No.	Calibration Date	Next Calibration Date
Thermal Conductivity Tester Using Room Temperature Heat Flux Method	WHFM-300B	SJ-238	2025-02-13	2026-02-12

Appendix information:

*The above test was carried out by other laboratory in SGS group.

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

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



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司 / 材料实验室

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