

TEST REPORT

No. : GZMR240902900001

Date : Oct 10, 2024

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CUSTOMER NAME: SHENZHEN JIMEI NEW MATERIAL CO.,LTD
ADDRESS: NO. 8-16, JINYUAN ROAD, HENGANG TOWN, SHENZHEN,
GUANGDONG, CHINA

Sample Name : CELLULOSE ACETATE 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. : SZP24-043203
Date of Receipt : Sep 27, 2024
Testing Start Date : Sep 27, 2024
Testing End Date : Oct 10, 2024
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 Measurement Laboratory

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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Composition Analysis	FTIR, PGC-MS, GC-MS, TGA and EDX	See result	/

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



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Test Item: Composition Analysis

Sample Description: Plastic part

Test Method:

Fourier Transform Infrared Spectrometer (FTIR)

Pyrolysis-Gas Chromatography Mass Spectrometry (PGC-MS)

Gas Chromatography Mass Spectrometry (GC-MS)

Energy dispersive X-ray fluorescence spectrometer (EDX)

Thermogravimetric Analyzer (TGA)

Test Result:

No.	Composition	Content, Wt%
1	Cellulose acetate (CA)	72
2	Diethyl phthalate (DEP)	28
3	Pigment (See note 2)	

Note:

1. Wt% - weight percent.
2. Pigment < 1%.
3. Quantitative data is for reference only.



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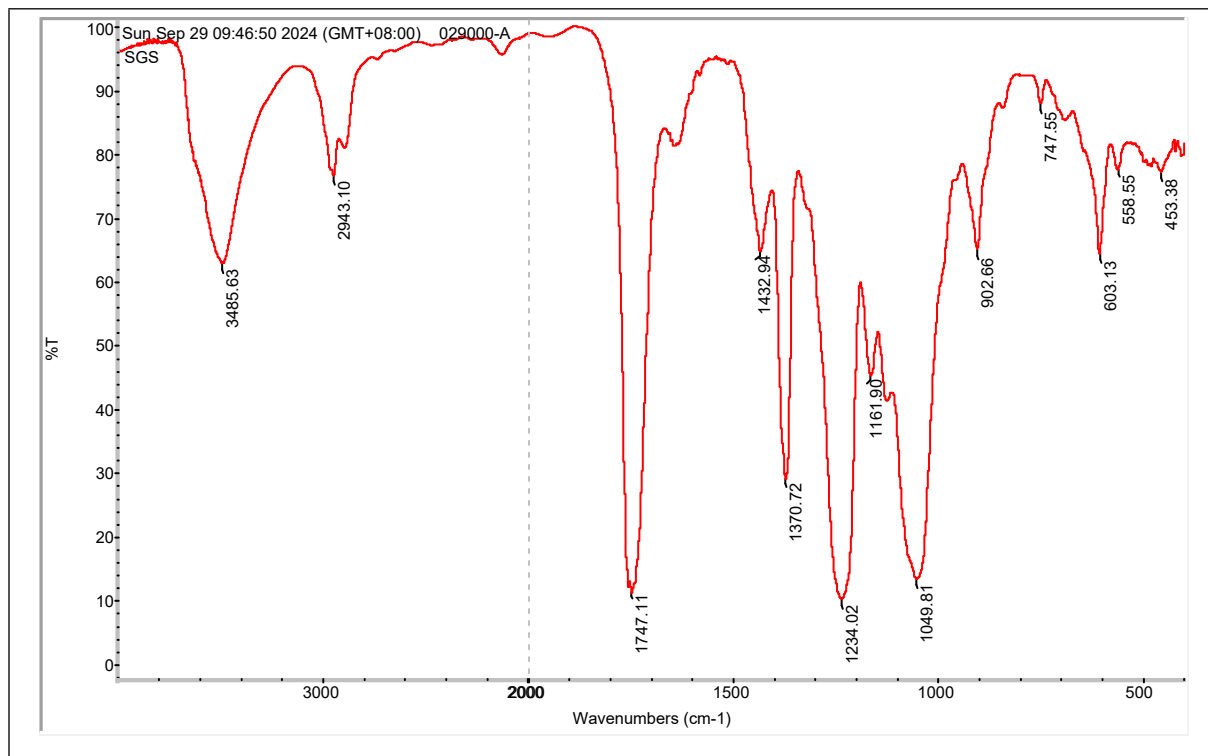
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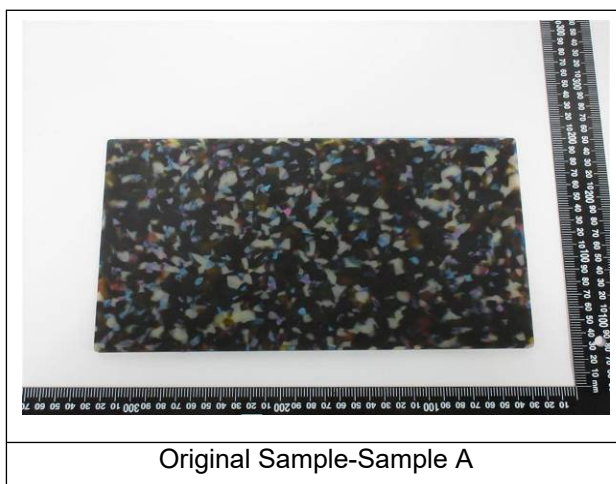
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Fig.1: FTIR spectrum of original sample



Test Photo:



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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
FTIR	Nicolet iS50	GZMR-PL-E329	2023-12-27	2024-12-26
PGC-MS	Shimadzu GCMS- QP2010	Chem-019-P	2023-02-10	2025-02-09
GC-MS	7890B- 5977B	CHEM-019-CA	2023-06-14	2025-06-13
EDX	ARL QUANT'X	GZMR-PL-E306	2023-12-27	2024-12-26
TGA	TGA 550	GZMR-PL-E425	2024-09-20	2026-09-19

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



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