

TEST REPORT

No. : SZIN2509002546PL01_EN

Date : 2025-09-28

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CUSTOMER NAME: SHENZHEN PAIQI NANO TECHNOLOGY CO., LTD.
ADDRESS: FLOOR 4, BUILDING 1, NO.11, YONGSHUN STREET, XINHE COMMUNITY, FUCHENG STREET, LONGHUA DISTRICT, SHENZHEN, GUANGDONG, CHINA

Sample Name : Nano conformal coating S30
Other Information : on FR4 (coating thickness 35-40um)

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. : GZMR250903221501
Date of Receipt : 2025-09-23
Testing Period : 2025-09-23 ~ 2025-09-28
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. ShenZhen Branch.

Jessie

Jessie Ho
Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result
1	Horizontal Burning	UL 94-2023 Rev.2-2024 Section 7	HB

Original Sample Photo:



Original Sample-Sample A

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Test Item: Horizontal Burning

Sample Description: A-Bar

Test Method: UL 94-2023 Rev.2-2024 Section 7

Test Condition:

Specimen: 126 mm × 13.4 mm × 10.1 mm

Conditioning: (23±2) °C, (50±5) %RH, 48h

Test Result:

Sample A

Specimen	1	2	3
Burning distance, mm	/	/	/
Burning time, s	/	/	/
Burning rate, mm/min	0	0	0
Maximum burning rate, mm/min	0		

Requirements of HB Classification:

- Not have a burning rate exceeding 40 mm per minute over a 75 mm span for specimens having a thickness of 3.0 to 13 mm, or
- Not have a burning rate exceeding 75 mm per minute over a 75 mm span for specimens having a thickness less than 3.0 mm, or
- Cease to burn before the 100 mm reference mark.

Classification: HB

Note:

- The flame extinguished after removing from the ignition source.
- The rough surface was the exposed surface.
- The test method was carried out by SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch.



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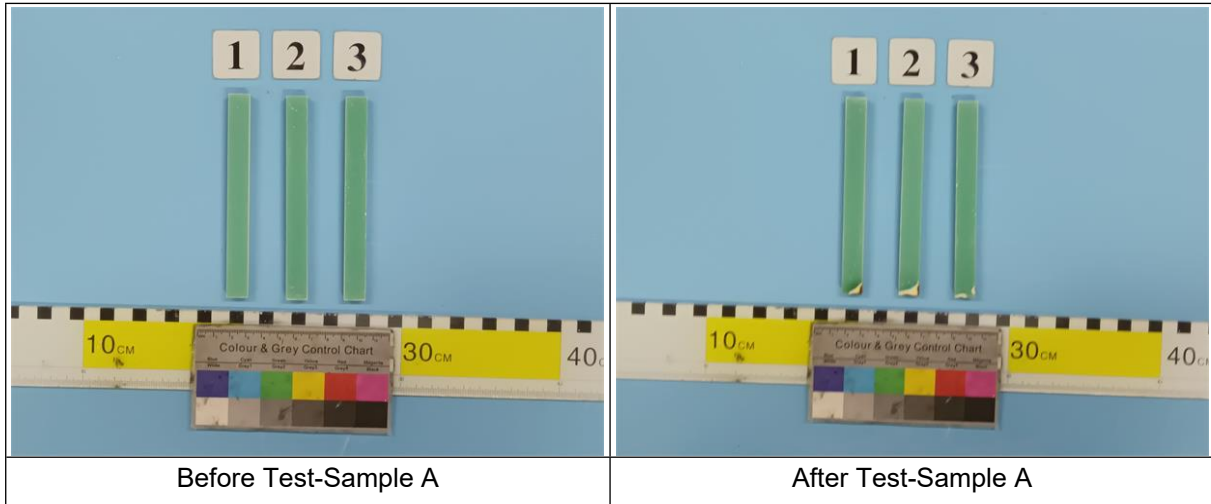
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Test Photo:



Equipment Information:

Equipment Name	Model	Equipment No.	Calibration date	Next Calibration date
Horizontal/Vertical Flame Chamber	ZLT-UL94A	GZMR-PL-E429	2025-09-15	2026-09-14

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*****



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