

TEST REPORT

No. : GZMR250401196101

Date : May 13, 2025

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CUSTOMER NAME: Shenzhen Esun Industrial Co.,Ltd.
ADDRESS: 15A, Microsoft Ketong Building, No. 55 Gaoxinnan 9th Road, High tech Community, Yuehai Street, Nanshan District, Shenzhen

Sample Name : PET-FR

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. : WHIN2504000382PL03
Date of Receipt : Apr 23, 2025
Testing Start Date : Apr 23, 2025
Testing End Date : May 13, 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

Kelly Lee
Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	50W(20mm)Vertical Burning	ANSI/ UL 94:2024 Section 8	V-0	Pass

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



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1. Test Item: 50W(20mm)Vertical Burning

Sample Description: A-String

Test Method: ANSI/ UL 94:2024 Section 8

Test Condition:

Specimen: 128 mm × 12.8 mm × 3.2mm

Test Result:

Sample A

Conditioning	As received : (23±2)°C, (50±5)%RH, 48h					Ageing: (70±2)°C, 168h→ Desiccator, (23±2)°C, 4h				
Specimen	1	2	3	4	5	1	2	3	4	5
Afterflame time after the first flame application (s), t_1	0	0	0	0	0	0	0	0	0	0
Afterflame time after the second flame application (s), t_2	0	0	0	0	0	0	0	0	0	0
Afterglow time after the second application (s), t_3	1.0	1.0	1.1	1.2	0	1.1	0	1.2	1.4	0
Total afterflame time for any condition set (s), t_1+t_2	0					0				
Afterflame time plus afterglow time after the second flame application (s), t_2+t_3	1.0	1.0	1.1	1.2	0	1.1	0	1.2	1.4	0
Whether or not specimen burn up to the holding clamp	No	No	No	No	No	No	No	No	No	No
Whether or not the cotton was ignited by flaming particles or drops	No	No	No	No	No	No	No	No	No	No



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Classification: V-0 (See table 1)

Client's requirement: V-0

Conclusion: Pass

Table 1

Criteria conditions	V-0	V-1	V-2
Afterflame time for each individual specimen t_1 and t_2	$\leq 10s$	$\leq 30s$	$\leq 30s$
Total afterflame time for any condition set (t_1 plus t_2 for the 5 specimens)	$\leq 50s$	$\leq 250s$	$\leq 250s$
Afterflame plus afterglow time for each individual specimen after the second flame application (t_2+t_3)	$\leq 30s$	$\leq 60s$	$\leq 60s$
Afterflame or afterglow of any specimen up to the holding clamp	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	Yes

Note: Test specimens were injection molded from the broken pieces of the sample.



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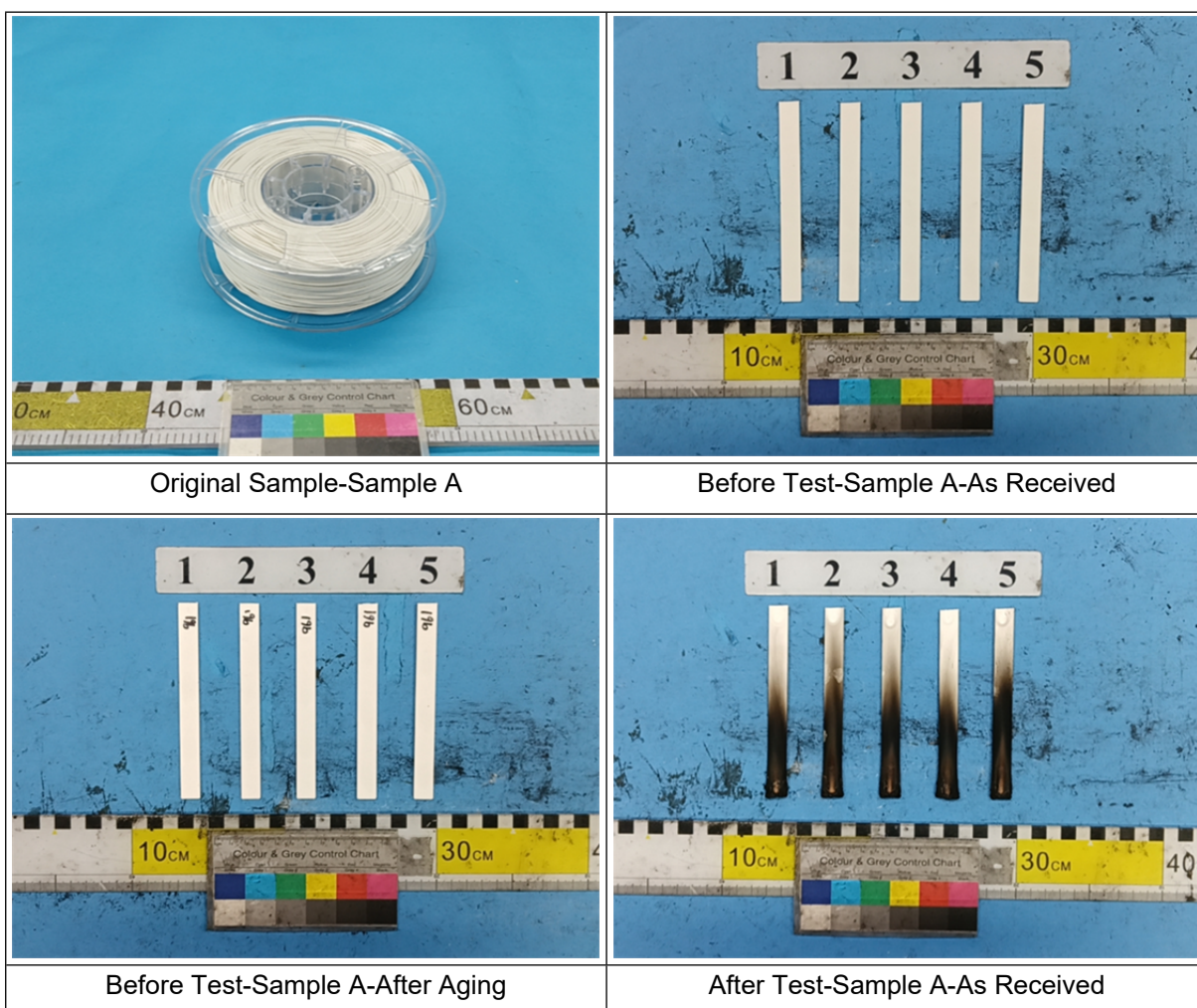
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Test Photo:



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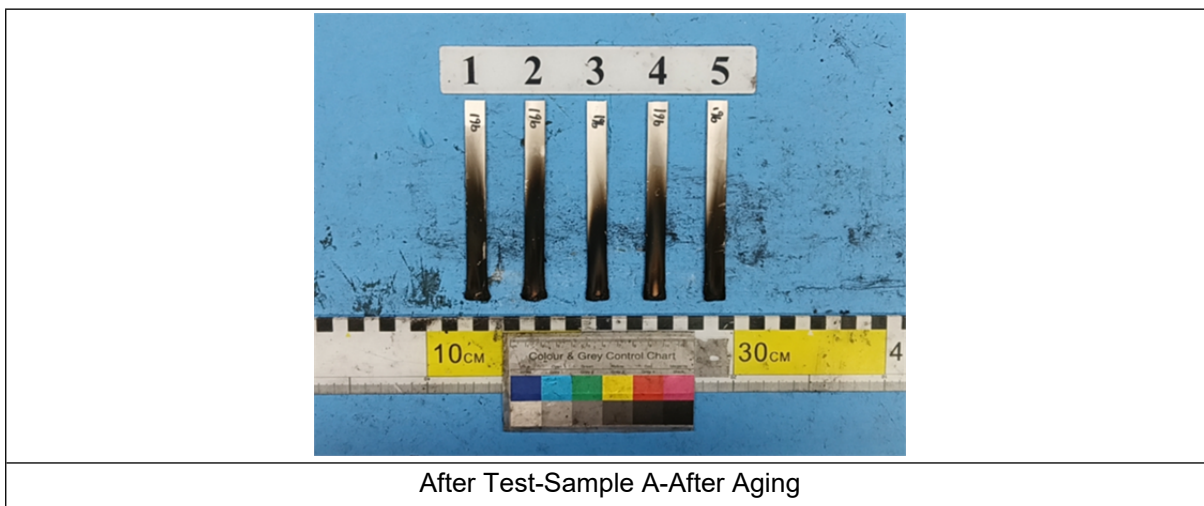
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Equipment Information:

Equipment Name	Model	Equipment No.	Calibration date	Next Calibration date
Oven	UF750	GZMR-AG-E181	2024-07-11	2025-07-10
Horizontal/Vertical Flame Chamber	HVUL2	GZMR-PL-E297	2025-03-20	2026-03-19

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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