

Test Report

No. SDFS2411007804FF

Date: Nov.12, 2025

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AVIGDOR LLC DBA TUFFKA
25 TIKVAH WAY MORRISTOWN, NJ 07960, USA

Sample Description : MATERIAL OF TUFFKA HARD SHELL FIREPROOF AND
WATERPROOF MULTI-PURPOSE CASE

The above sample(s) data and information was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion arising therefrom. Results apply to the sample as received.

Sample Receiving Date : Nov.28, 2024
Test Performing Date : Nov.28, 2024 to Nov.12, 2025

Test Result Summary

Test(s) Requested	Result(s)
UL 94-2024 Tests for Flammability of Plastic Materials for Parts in Devices and Appliances Clause 8 50W (20 mm) Vertical Burning Test; V-0, V-1, or V-2	Classification: V-0
Summary: 1. For further details, please refer to the following page(s).	

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch

Ada

Ada Liu
Approved signatory

Scan to see the report



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Verification:
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TESTS AND RESULTS

Test Conducted:

UL 94-2024 Tests for Flammability of Plastic Materials for Parts in Devices and Appliances
Clause 8. 50W (20 mm) Vertical Burning Test; V-0, V-1, or V-2

Conditioning:

Set 1(Initial): Temperature: (23±2)°C; Relative Humidity:(50±10)% for a minimum of 48 hours;

Set 2(Oven Aging): Temperature: (70±2)°C; Duration:166h, Duration of room temperature cooling time: 4h

Acceptance Criteria:

	V-0	V-1	V-2
Afterflame time for each individual specimen t_1 and t_2	≤10s	≤30s	≤30s
Total afterflame time for any condition set (t_1 plus t_2 for the 5 specimens)	≤50s	≤250s	≤250s
Afterflame plus afterglow time for each individual specimen after the second flame application ($t_2 + t_3$)	≤30s	≤60s	≤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

Retest Provision:

If only one specimen from a set of five specimens does not comply with the requirements, another set of five specimens is to be tested. In the case of the total number of seconds of flaming, an additional set of five specimens is to be tested if the totals are in the range of 51– 55 seconds for V-0 and 251 – 255 seconds for V-1 and V-2. All specimens from this second set shall comply with the appropriate requirements in order for the material in that thickness to be classified V-0, V-1, or V-2.

Test Results:

No.	t_1 (sec.)	t_2 (sec.)	t_3 (sec.)	SUM ($t_2 + t_3$)	Whether the afterflame or afterglow of any specimen up to the holding clamp	Whether the cotton indicator ignited by flaming particles or drops
Set1	1	0	0	0	No	No
	2	0	0	0	No	No
	3	0	0	0	No	No
	4	0	0	0	No	No
	5	0	0	0	No	No
	SUM	0	0	$\sum t_1 + \sum t_2: 0$	---	---
Set2	1	0	0	0	No	No
	2	0	0	0	No	No
	3	0	0	0	No	No
	4	0	0	0	No	No
	5	0	0	0	No	No
	SUM	0	0	$\sum t_1 + \sum t_2: 0$	---	---

Conclusion:

The specimen **complies with** the requirement of **V-0**.



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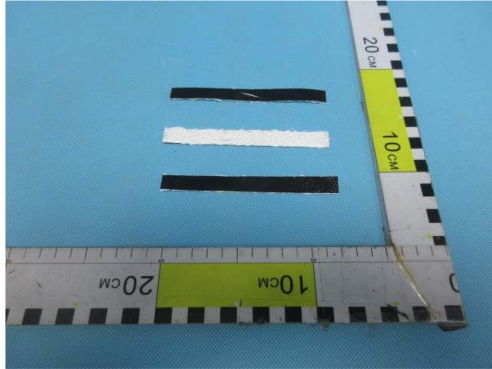
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SAMPLE INFORMATION AND PICTURES

Specified size of sample: 125 ±5mm×13.0 ±0.5mm, thickness≤13mm
Actual size of sample: 125mm×13.0mm×0.8mm



Test sample



Product

SGS authenticate the photo on original report only

Remark: This test is not a finished product test, and the product photo was added based on the client's application.

End of Report



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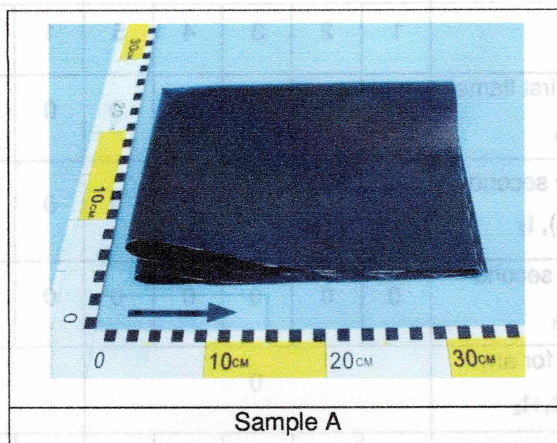
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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Vertical Burning	UL 94-2013 Rev.8-2017 Section 11	VTM-0	/

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

Original Sample Photo:



Sample A



SGS-CTC (China) Technical Service Co., Ltd.
 Guangzhou Branch Testing Center: Microleak Laboratory

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Test Item: Vertical Burning

Sample Description: See photo

Test Method: UL 94-2013 Rev.8-2017 Section 11

Test Condition:

Specimen: 200mm×50mm×0.40mm

Test Result:

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	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0
Whether or not the afterflame and/or afterglow progressed up to the 125 mm mark	No	No	No	No	No	No	No	No	No	No
Whether or not the cotton indicator was ignited by flaming particles or drops	No	No	No	No	No	No	No	No	No	No

Classification: VTM-0 (See table 1)



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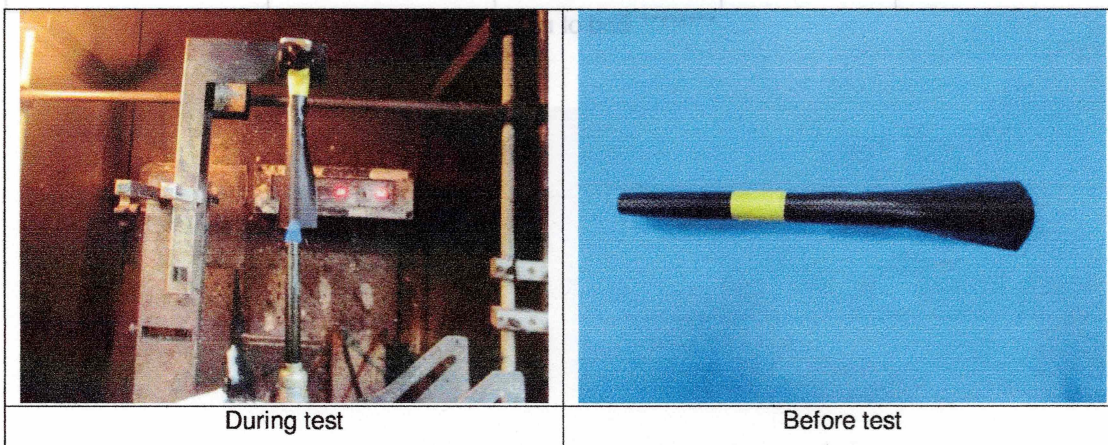
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Table 1

Criteria conditions	VTM-0	VTM-1	VTM-2
Afterflame time for each individual specimen t_1 or 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)	$\leq 30s$	$\leq 60s$	$\leq 60s$
Did the afterflame or afterglow of any specimen progress up to the 125 mm mark	No	No	No
Was the cotton indicator ignited by flaming particles or drops	No	No	Yes

Note: Test specimens were cut from the sample.

Test Photo:



During test

Before test



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Guangzhou Branch, Guangzhou Science City

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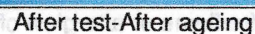
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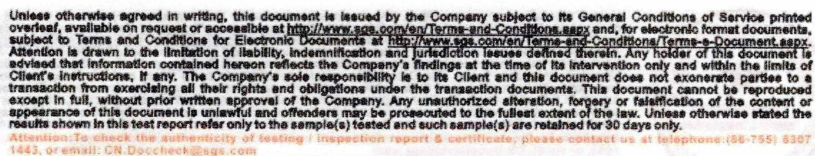
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