Test Report

Report No.: YJ2025110152R02EN

Company Name: SHANGHAI ZHENGYANG FOAM CO., LTD

Address: 633, JiaAn Rd, Jia Ding District, Shanghai, Zip Code:201821

The following sample(s) and sample information was/were submitted and identified on behalf of the client

Sample Name	:	Composite material
Material	:	MEL+EPDM
Test Requested	:	UL 94-2024, Clause 8
Test Item(s)	:	Vertical Burning

Test Information

Sample Received Date	:	Nov. 17, 2025
Test Period	:	Nov. 17, 2025 to Nov. 24, 2025
Test Result(s)	:	Please see attach sheet.

Approved by: _____ Date: Nov. 27, 2025

WANG Junyan, Winson
Authorized Signatory

Zhejiang CTI Foresight Testing Co., Ltd
Room 101, No. 13-1, Building 13, No. 11, Lingang Road, Renhe Street, Yuhang District, Hangzhou, Zhejiang, China
Building 13-1, No. 11, Lingang Road, Renhe street, Yuhang District, Hangzhou, Zhejiang, China

Test Report

I. Test Conducted

This test was conducted in accordance with 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.

II. Sample Details

Description	Fireproof cotton	Color	White + Black
Dimensions	Length: 125 mm; Width: 13 mm; Thickness: 12.0 mm		

III. Traceability Record

1. Conditioning

Temperature	23.0 °C	Relative Humidity	50 % R.H.
Start Time	Nov. 18, 2025	End time	Nov. 24, 2025

2. Test Condition

Temperature	21.1 °C	Relative Humidity	43 % R.H.

IV. Test Results

Sample after conditioning	1st Set				
	No. 1	No. 2	No. 3	No. 4	No. 5
Afterflame time after first flame application, t_1(s)	0	1	0	0	1
Afterflame time after second flame application, t_2(s)	3	3	4	3	4
Afterglow time after the second flame application, t_3(s)	0	0	0	0	0
Total afterflame time(t_1 plus t_2 for the 5 specimens)(s)	19				
Afterflame time plus afterglow time after second flame application, t_2+t_3(s)	3	3	4	3	4
Whether or not the specimen burn up to the holding clamp	No	No	No	No	No
Whether or not the specimen drip flaming particles that ignited the cotton indicator	No	No	No	No	No

V. Test criteria

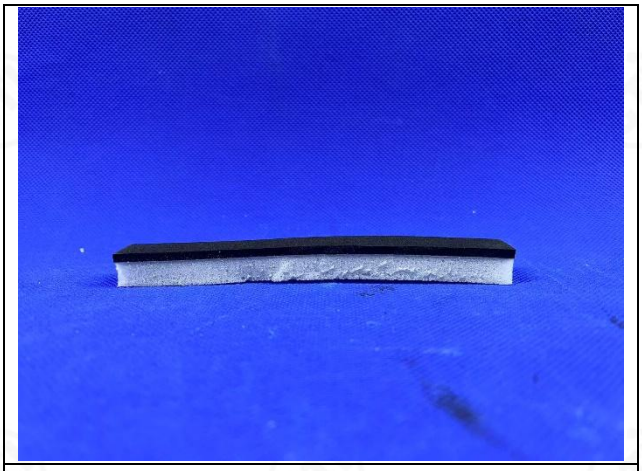
Criteria conditions	V-0	V-1	V-2
Afterflame time for each individual specimen (t_1 or t_2)	≤10s	≤30s	≤30s
Total afterflame time for any condition set (t_1 plus t_2 for the 5 specimens)	≤50s	≤250s	≤250s
Afterflame plus afterglow time for each individual specimen after the second flame application (t_2+t_3)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

VI. Comment

According to the test results and the classification system, the tested sample after conditioning, when tested at a normal thickness of 12.0 mm, is assigned as “UL 94, V-0”.

Test Report

Photo Appendix



Sample No.: YJ2025110152

Statement

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which CTI-FST hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Without written approval of CTI-FST, this report can't be reproduced except in full;
5. The test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc… and just for client internal reference.

*** End of Report ***