



Test Report

No.: XMHL2106003593OT

Date: Jun 28, 2023

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SHANGHAI EASCO ELECTRICAL CO.,LTD.
N-7 NO.105 LANE 1159 KANQIAO EAST ROAD PUDONG NEW DISTRICT SHANGHAI,China

Sample Description : CABLE TIES
Item No. : TYPEG
Manufacturer : ORISM
Supplier : ORISM
Country of Origin : CHINA
Country of Destination : GLOBAL

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

SGS Ref No. : SDFS2106003746FF
Sample Receiving Date : Jun 10, 2023
Test Performing Date : Jun 10, 2023 to Jun 28, 2023
Test Performed : Selected test(s) as requested by applicant
Test Result(s) : For further details, please refer to the following page(s)

Test Result Summary

Test(s) Requested	Result(s)
UL 94-2021 Clause 8 50W (20 mm) Vertical Burning Test; V-0, V-1, or V-2	Refer to next page(s)

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. Xiamen Branch

Beck



Beck Hong
Authorized Signatory



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Member of the SGS Group (SGS SA)

TESTS AND RESULTS
Test Conducted:

UL 94-2021 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)%; Duration:72h;

Set 2(Oven Aging): Temperature: (70±2)°C; Duration:168h, Duration of room temperature cooling time: 5h

Acceptance Criteria:

	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

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:

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	3	2	0	2	NO	YES
	2	3	0	0	0	NO	YES
	3	2	0	0	0	NO	YES
	4	3	1	0	1	NO	YES
	5	3	1	0	1	NO	YES
	SUM	14	3	Σt ₁ + Σt ₂ : 17		---	
Set2	1	1	2	0	2	NO	YES
	2	0	1	0	1	NO	YES
	3	2	1	0	1	NO	YES
	4	2	1	0	1	NO	YES
	5	1	0	0	0	NO	YES
	SUM	6	5	Σt ₁ + Σt ₂ : 11		---	

Any deviation from the standard: The specimen size is not the standard size.

Remark: This test was subcontracted to Shunde Branch, SGS-CSTC Co., Ltd.



SAMPLE INFORMATION AND PICTURES

Specified size of sample: 125 ±5mm×13.0 ±0.5mm, thickness≤13mm
Actual size of sample: 125mm×4.6mm×1.5mm



Test sample

End of Report



SGS-CSTC Shanghai Technical Services Co., Ltd.
Xiamen Branch Testing Center Hardlines

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