TEST REPORT

No. : SUZMR251200887502
Date : Jan 05, 2026

Scan to see the report

539472A6

CUSTOMER NAME: Zhejiang Wandu Plastic Co.,Ltd.
ADDRESS: Wanglin Village, Beibaixiang Town, Yueqing City, Zhejiang Province, China

Sample Name	:	Cable Tie
Model No	:	12×500
Sample reference information	:	1.9×(60-200),2.5×(80-300),3.6×(100-500),4.6×(120-720),4.8×(120-720),5.2×(150-500),7.2×(100-1500),7.6×(150-800),9.0×(300-1500),12×(150-2000)

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.	:	SHP25-043002
Date of Receipt	:	Dec 19, 2025
Testing Start Date	:	Dec 19, 2025
Testing End Date	:	Jan 05, 2026
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. Suzhou Branch

Rex Yan

Rex Yan
Authorized signatory

SGS-CSTC Standards Technical Services Co.,Ltd. Suzhou Branch Material and Reliability Laboratory.

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TEST REPORT

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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	50W(20mm)Vertical Burning	UL 94-2023 Rev.2-2024 Section 8	V2	Pass

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

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TEST REPORT

No. : SUZMR251200887502
Date : Jan 05, 2026

1. Test Item: 50W(20mm)Vertical Burning
Sample Description: B-Cable Tie
Test Method: UL 94-2023 Rev.2-2024 Section 8
Test Condition:
Specimen: 128 mm × 12.46 mm × 1.897 mm
Test Result:
Sample B

Conditioning	As received :(23±2)℃, (50±5)%RH, 48h					Ageing: (70±2)℃,168h→ Desiccator, (23±2)℃, 4h				
Specimen	1	2	3	4	5	1	2	3	4	5
Afterflame time after the first flame application (s), t_1	3.6	9.2	1.0	9.7	4.3	9.3	5.1	7.6	6.3	4.7
Afterflame time after the second flame application (s), t_2	1.3	1.5	6.5	2.1	3.6	1.8	1.3	3.2	1.5	2.9
Afterglow time after the second application (s), t_3	0		0	0	0	0	0	0	0	0
Total afterflame time for any condition set (s), t_1+t_2	42.8					43.7				
Afterflame time plus afterglow time after the second flame application (s), t_2+t_3	1.3	1.5	6.5	2.1	3.6	1.8	1.3	3.2	1.5	2.9
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	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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检验检测专用章 Inspection & Testing Services

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Classification: V-2 (See table 1)

Client's Requirement: V-2

Conclusion: Pass

Table 1

Criteria conditions	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

Note:

Test specimens were cut from the sample.

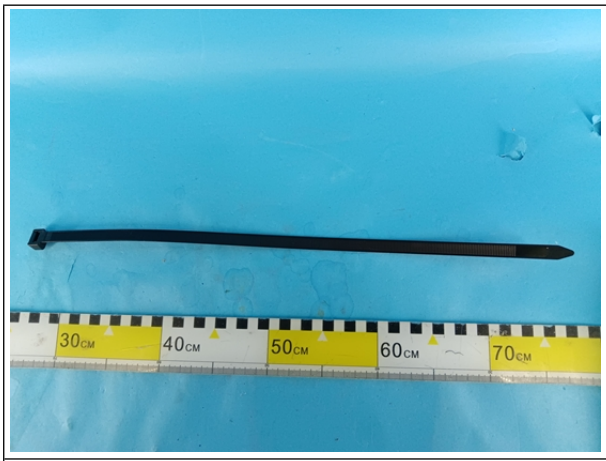
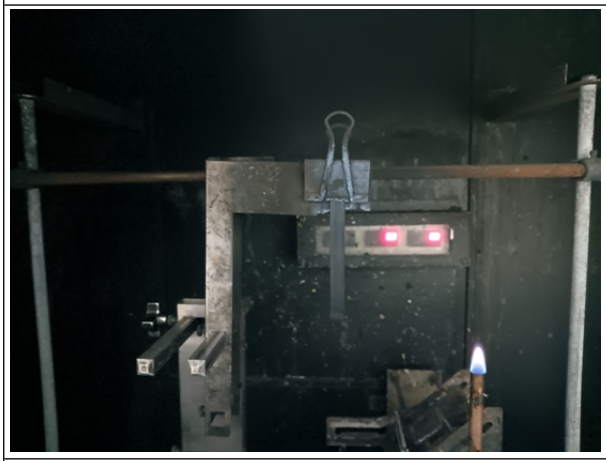
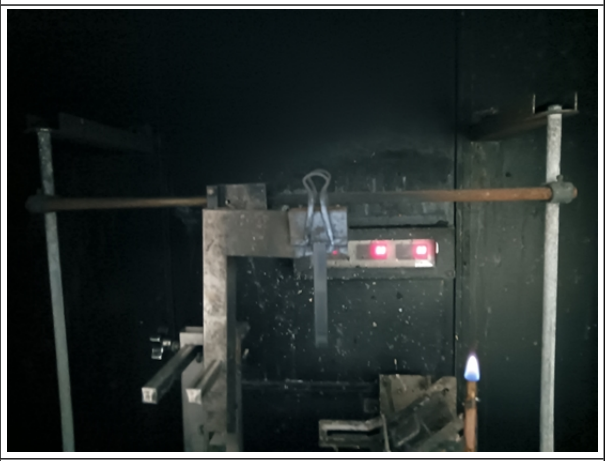
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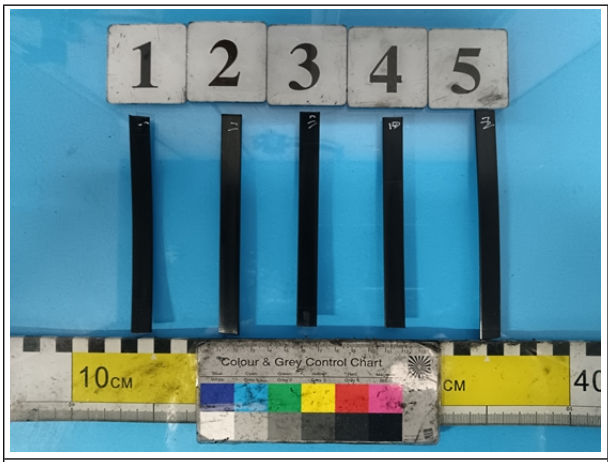
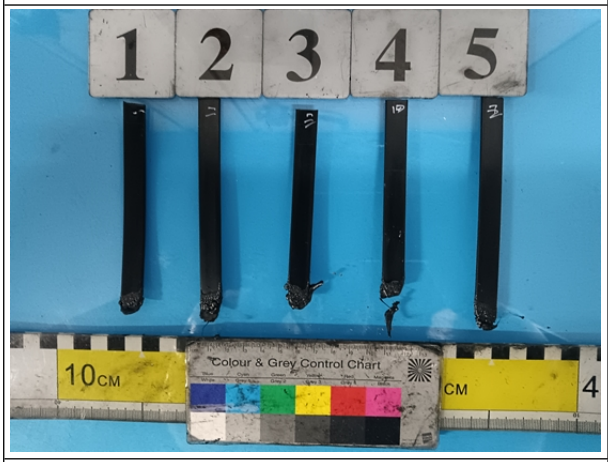
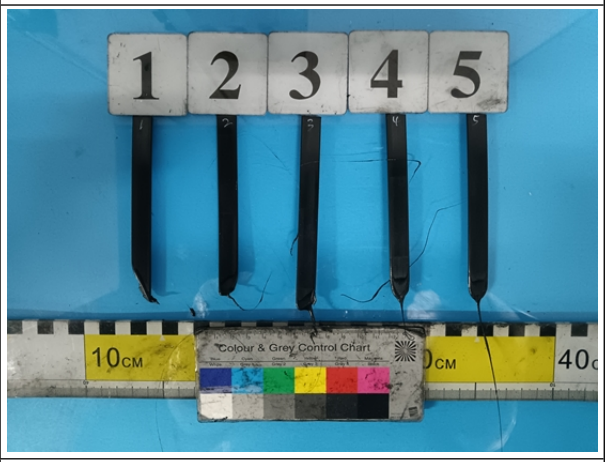
Test Photo:

	
Original Sample-Sample B	During Test-Sample B-Ageing
	
During Test-Sample B-As Received	During Test-Sample B-After Ageing

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Before Test-Sample B-As Received	Before Test-Sample B-After Ageing
	
After Test-Sample B-As Received	After Test-Sample B-After Ageing

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Equipment Information:

Equipment Name	Model	Equipment No.	Calibration date	Next Calibration date
Horizontal vertical flame chamber	HVUL2	SUZMR-152	2025-04-08	2026-04-07
Oven	UF-260PLUS	SUZMR-222	2025-10-28	2026-10-27

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.

*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********

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