

Test Report

Report No. A2170004572101R1

Page 1 of 5

Applicant SHANGHAI RICHENG ELECTRONIC CO., LTD.

Address XINSHENG INDUSTRIAL AREA,ZHELIN,FENGXIAN,SHANGHAI

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

Sample Name NYLON
Type PAV0
Sample Received Date Feb. 20, 2017
Testing Period Feb. 20, 2017-Mar. 9, 2017

Test Requested

No.	Test Item
1	Flammability (Vertical burning)

Test Result(s): Please see the following pages.

Approved by Alina Feng

Date Mar. 9, 2017

Alina Feng
Approved Signatory
Centre Testing International Group Co., Ltd.

No. R3F0F7D925
Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China



Test Report

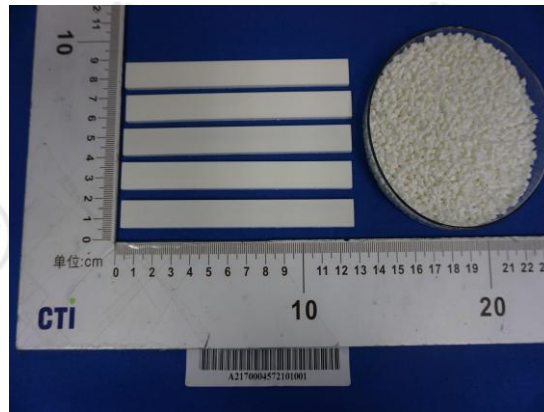
Report No. A2170004572101R1

Page 2 of 5

Tested Sample(s)

Sample No.	Sample Name	Type
A2170004572101001	NYLON	PAV0

Sample Photo(s)



A2170004572101001

Test Report

Report No. A2170004572101R1

Page 3 of 5

Test Item: Flammability (Vertical burning)

1. Test Equipment

Equipment Name	Model
Horizontal - vertical Flammability Test Instrument	RH-6033B

2. Environmental Conditions

Temperature: 21.7°C; Humidity: 52%RH

3. Test Standard: UL 94-2015

4. Test Condition

Preconditioning:

- ①Condition in environment of $23 \pm 2^\circ\text{C}$ and humidity of $50 \pm 10\% \text{RH}$ for 48h
- ②Condition in a 70°C oven for 168h, then a calcium chloride desiccators for at least 4h to cool to room temperature.

Test Procedure: Flame height: 20 ± 1 mm. Apply the flame centrally to the middle point of the specimen bottom edge so that the top of the burner is 10 ± 1 mm below the lower end of the specimen, and maintain it at that distance for 10 ± 0.5 s. After the application for 10 ± 0.5 s, immediately withdraw the burner at a rate of 300 mm/sec, to a distance at least 150 mm away from the specimen and measure the after flame time t_1 . As soon as after flaming of the specimen ceases, immediately place the burner again under the specimen for an additional 10 ± 0.5 s. After that, immediately remove the burner at a rate of 300 mm/sec to a distance of at least 150 mm from the specimen and measure the after flame time t_2 and the afterglow time t_3 .

Sample size: 125mm×13.0mm×3.0mm

Test Report

Report No. A2170004572101R1

Page 4 of 5

5. Test Result(s)

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

Room temperature test results

Criteria conditions	1	2	3	4	5	V-0
Afterflame time for each individual specimen t_1 or t_2	0/0s	0/0s	0/0s	0/3s	0/0s	≤10s
Total afterflame time for any condition set(t_1 plus t_2 for the 5 specimens)	3s					≤50s
Afterflame plus afterglow time for each individual specimen after the second flame application($t_2 + t_3$)	0s	0s	0s	3s	0s	≤30s
Afterflame or afterglow of any specimen up to the holding clamp	No	No	No	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	No	No	No	No

Test Report

Report No. A2170004572101R1

Page 5 of 5

After aging test results

Criteria conditions	1	2	3	4	5	V-0
Afterflame time for each individual specimen t_1 or t_2	0/0s	0/0s	0/0s	0/0s	0/0s	$\leq 10s$
Total afterflame time for any condition set(t_1 plus t_2 for the 5 specimens)	0s					$\leq 50s$
Afterflame plus afterglow time for each individual specimen after the second flame application($t_2 + t_3$)	0s	0s	0s	0s	0s	$\leq 30s$
Afterflame or afterglow of any specimen up to the holding clamp	No	No	No	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	No	No	No	No

Conclusion: This sample test results comply with the requirements of UL94-2015 V-0.

Remarks: t_1 , t_2 are the afterflame time, t_3 is the afterglow time.

Remark: This testing report displaces the original report of No. A2170004572101 and the original one No. A2170004572101 was invalid since the date of this testing report released.

*** End of Report ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.