

Test Report



Report No. A2190321060101

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Applicant Tesa Plant (Suzhou) CO.,Ltd

Address No. 451 Zhong Nan Street, SIP, Suzhou, China

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

Sample Name tesa 58373
Type 80um
Lot No. PT1
Sample Receiving State Normal
Sample Received Date Nov. 27, 2019
Testing Period Nov. 27, 2019-Dec. 3, 2019

Test Requested

No.	Test Item
1	Flammability(Thin material vertical burning)

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

Approved by Star Shi

Date Dec. 3, 2019

Star Shi
Approved Signatory
Centre Testing International Corporation
Hangzhou) Co., Ltd

No.R512803DA8
Room 105,Building 1,No.600,N0.21 Street, Baiyang Road, Hangzhou
Economic & Technological Development Zone Hangzhou, China;



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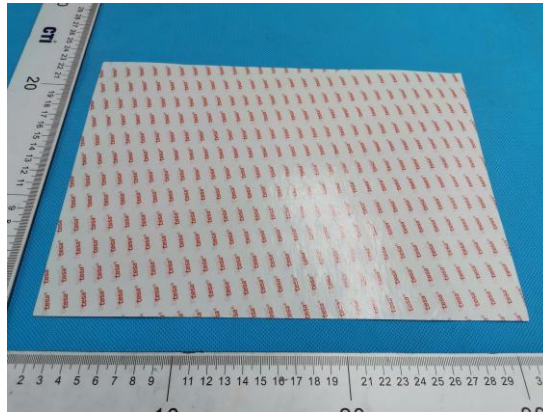
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Tested Sample(s)

Sample No.	Sample Name
A2190321060101001	tesa 58373

Sample Photo(s)



A2190321060101001

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Test Item: Flammability(Thin material vertical burning)

1. Test Equipment

Equipment Name	Model
Horizontal and vertical burning tester	UL94-X

2. Environmental Conditions

Temperature: 21.6°C ; Humidity: 53%RH

3. Test Standard: UL 94-2018

4. Test Result(s)

Sample sizes 200mm×50mm×0.08mm

Condition

Condition 1 in environment of (23±2)°C and humidity of (50±10)%RH for 48h.

Condition 2 in a 70°C oven for 168h, then a calcium chloride desiccators for at least 4h to cool to room temperature.

Note: This specimens were only placed in condition 1

Test Criteria

Criteria conditions	VTM-0	VTM-1	VTM-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
Did the afterflame or afterglow of any specimen progress up to the 125mm mark	No	No	No
Was the cotton indicator ignited by flaming particles or drops	No	No	Yes

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Results

Sample No.	Condition 1				
	1st	2nd	3rd	4th	5th
Afterflame time t_1 , s	1	1	0	1	1
Afterflame time t_2 , s	1	0	0	1	0
Afterglow time t_3 , s	0	0	0	0	0
Total afterflame time, s	6				
t_2+t_3 , s	1	0	0	1	0
Did the afterflame or afterglow of any specimen progress up to the 125mm mark	No	No	No	No	No
Flaming particles or drops	Yes	Yes	Yes	Yes	Yes
Was the cotton indicator ignited by flaming particles or drops	No	No	No	No	No

Evaluation

The submitted sample to be preconditioned at $(23 \pm 2)^\circ\text{C}$ and (50 ± 10) percent relative humidity for a minimum of 48 hours **meet** the requirement prescribed in VTM-0 combustion test.

Statement: The test results relate only to the behaviour of the test specimens under the conditions of this test and that these results shall not be used to infer the fire hazards of the materials in other forms or under other fire conditions.



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Sample Photo(s) after the test



Remark: The testing data and result(s) in this report is(are) just for scientific research, education, internal quality control and product development etc.

*** End of Report ***

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 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, this report can't be reproduced except in full;
- 5.In case of any discrepancy between the English version and Chinese version of the testing reports(if generated), the Chinese version shall prevail.