

TEST REPORT

No. : TJIN2004003592MR

Date : Apr 28, 2020

Page: 1 of 6



CUSTOMER NAME: CHANGSHU STP NEW MATERIAL CO., LTD.
ADDRESS: #88 HAIFENG ROAD, HAIYU TOWN, CHANGSHU CITY, JIANGSU PROVINCE, CHINA.

Sample Name : FLAME RETARDANT SILICONE RUBBER COATED FIBERGLASS CLOTH
Product Specification : 0.5mm
Manufacturer : CHANGSHU STP NEW MATERIAL CO., LTD.
Material and Mark : SILICONE RUBBER
Other Information : SILICONE RUBBER、FIBERGLASS

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. : TP20-002196-2
Date of Receipt : Apr 15, 2020
Testing Start Date : Apr 15, 2020
Testing End Date : Apr 28, 2020
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(Tianjin) Co., Ltd

Linda Yuan
Authorized signatory



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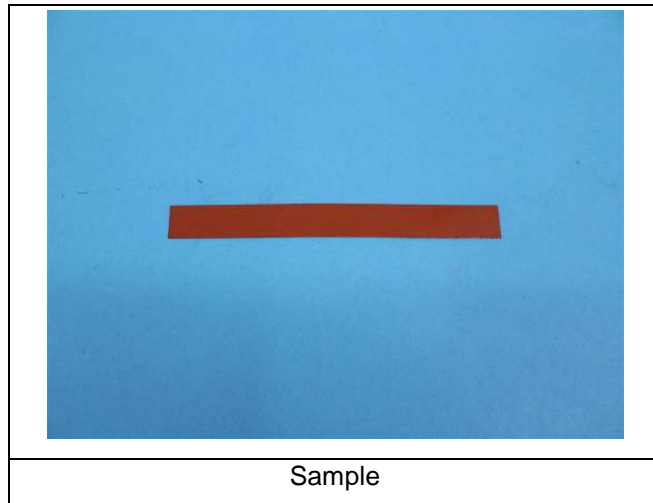
Page: 2 of 6

Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Vertical Burning	UL 94-2013 Rev.9-2018 Section 8	V-0	/

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

Original Sample Photo:



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TEST REPORT

No. : TJIN2004003592MR

Date : Apr 28, 2020

Page: 3 of 6

Test Item: Vertical Burning

Sample Description: Rubber part

Test Method: UL 94-2013 Rev.9-2018 Section 8

Test Condition:

Specimen: 124mm×13mm×0.45mm

Test Result:

Conditioning	As received : (23±2)°C, (50±5)%RH, 48h					Ageing: (70±2)°C, 168h→ Desiccator, (23±2)°C, 4h				
	1	2	3	4	5	1	2	3	4	5
Specimen										
Afterflame time after the first flame application (s), t ₁	6.4	7.2	5.6	8.9	4.7	5.2	4.3	6.5	5.9	7.1
Afterflame time after the second flame application (s), t ₂	1.4	2.1	3.2	1.7	5.6	2.4	3.9	2.7	5.7	3.3
Afterglow time after the second application (s), t ₃	0	0	0	0	0	0	0	0	0	0
Total afterflame time for any condition set (s), t ₁ +t ₂	46.8					47.0				
Afterflame time plus afterglow time after the second flame application (s), t ₂ +t ₃	1.4	2.1	3.2	1.7	5.6	2.4	3.9	2.7	5.7	3.3
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	No	No	No	No	No	No	No	No	No	No



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TEST REPORT

No. : TJIN2004003592MR

Date : Apr 28, 2020

Page: 4 of 6

Classification: V-0 (See table 1)

Table 1

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



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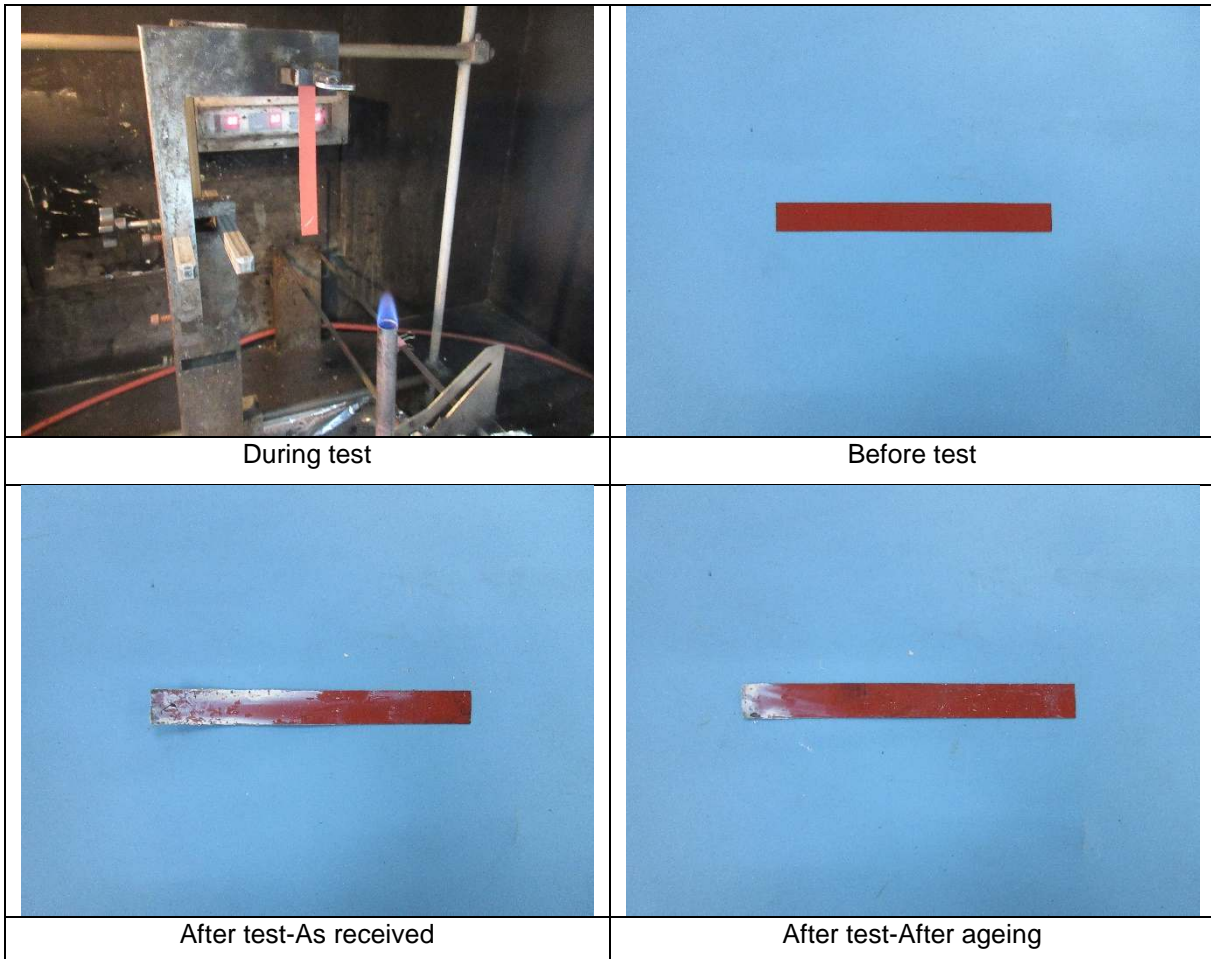
TEST REPORT

No. : TJIN2004003592MR

Date : Apr 28, 2020

Page: 5 of 6

Test Photo:



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No. : TJIN2004003592MR

Date : Apr 28, 2020

Page: 6 of 6

Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Digital Thickness Gauge	TG-3130-A3	POL-127	2019-11-01	2020-10-31
Horizontal/Vertical Flame Chamber	HVUL2	POL-241	2019-09-26	2020-09-25

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***** End of report*****



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