

# Test Report

No. SDFS2104002164FF

Date: Apr.19, 2021

Page 1 of 3

SPENCER ITALIA SRL  
VIA PROVINCIALE, 12 43038 SALA BAGANZA (PR)

Sample Description : BLACK PVC

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Sample Receiving Date : Apr.13, 2021

Test Performing Date : Apr.13, 2021 to Apr.19, 2021

### Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	EN 597-1:2015 Furniture – Assessment of the ignitability of mattresses and upholstered bed bases Part 1: Ignition source smouldering cigarette	Non-ignition	/

For further details, please refer to the following page(s)

Signed for and on behalf of  
Shunde Branch  
SGS-CSTC Co., Ltd.

*Ada*

scan to see the report



SDFS2104002164FF

Ada Liu  
Approved signatory



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**Test Conducted:**

EN 597-1: 2015 Furniture – Assessment of the ignitability of mattresses and upholstered bed bases  
Part 1: Ignition source smouldering cigarette.

**Sample Details:**

Name:	Plastic film
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**General Information:**

Condition		Requirement	Actual
Precondition	Temperature	(23±2)°C	(23±2)°C
	Relative humidity	(50±5)%	(50±5)%
	Duration	≥24h	48h
Test condition	Temperature	10°C to 30°C	25.9°C
	Relative humidity	15% to 80%	63%

**Test Results:**

The following test results only to the ignitability of the combination of materials under the particular condition of test. They are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

**Part 1 Ignition Source: Smouldering Cigarette**

Criteria of ignition	Results	
	1 <sup>st</sup>	2 <sup>nd</sup>
<b>(A) Progressive Smouldering Ignition</b>		
① Any test assembly that displays escalating combustion behaviour so that it is unsafe to continue the test and active extinction is necessary;	NO	NO
② Any test assembly that smoulders until it is largely consumed within the test duration;	NO	NO
③ Any test assembly that smoulders to its full thickness, within the duration of the test;	NO	NO
④ Any test assembly that smoulders after one hour from the application of the ignition source;	NO	NO
<b>(B)Flaming ignition</b>		
A flaming ignition is considered to be the occurrence of any flames initiated by a progressive smouldering source.	NO	NO
<b>(C) Final examination</b>		
Immediately after completion of the test programme, dismantle the test specimen and examine it internally for progressive smouldering ignition, if this is found, extinguish the test specimen, and record that smouldering ignition has occurred and complete the test report.	No Ignition	



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### Test Details of Part 1:

Test	Ignition position	after placement of the cigarette			Extent of damage(mm)			Comments and observations
		Progressive smouldering time	Flame ceased time	Smoking ceased time	Width	Length	Corner	
1 <sup>st</sup>	Flat portion	0s	0s	17min59s	2	2	1	#2
2 <sup>nd</sup>	Flat portion	0s	0s	19min38s	2	2	1	#2

### Sub-Conclusion: Non-ignition

#### Remark:

N/A--- Not Applicable, N/C –Not Conduct,

#1–Cigarette fails to smoulder its complete length.

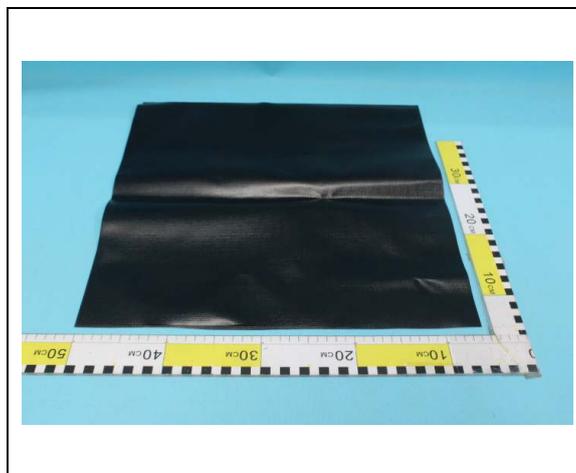
#2—Cigarette passes to smoulder its complete length, but the sample was not ignited.

#3—Flaming but self-extinguishment;

#4—Extinguished by operator, escalating flaming combustion;

#5—The first test failed, so retest was not conducted.

#### Photo Appendix:



\*\*\*End of Report\*\*\*



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