

# Test Report

No. SDFS2104002174FF

Date: Apr.21, 2021

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

Sample Description : BLACK PVC

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Sample Receiving Date : Apr.14, 2021

Test Performing Date : Apr.14, 2021 to Apr.21, 2021

### Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	EN 1021-1:2014 Furniture – Assessment of the ignitability of upholstered furniture 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*



Ada Liu  
Approved signatory



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**Test Conducted:**

EN 1021-1:2014 Furniture – Assessment of the ignitability of upholstered furniture Part 1 Ignition source smouldering cigarette

**General Information:**

Components	Outer Cover		
Materials	Plastic		
Density / Weight	526 g/m <sup>2</sup>		
Soaking Condition	<input checked="" type="checkbox"/> YES (Annex D)		
Conditioning of Test Specimen and Ignition Source(s)	(23±2) °C	RH (50±5) %	24 h
Testing Enclosure (fume cupboard /room)	25.0 °C	RH 50 %	---

**Test Results:**

The following test results relate 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>3.1 Progressive Smouldering Ignition</b>		
a) Any test assembly that displays escalating smouldering combustion behaviour so that it is unsafe to continue the test and active extinction is necessary;	NO	NO
b) Any test assembly that smoulders until it is largely consumed within the test duration;	NO	NO
c) Any test assembly that smoulders to the extremities of the specimen ,viz, upper or lower margins , either side or to its full thickness, within the duration of the test;	NO	NO
d) Any test assembly that smoulders after one hour from the beginning of the test;	NO	NO
e) Any test assembly that, on final examination shows evidence of active smouldering;	NO	NO
<b>3.2 Flaming Ignition</b>		
A flaming ignition is considered to be the occurrence of any flames initiated by a smouldering source.	NO	NO



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<b>9.3 Final examination</b>	
Immediately after completion of the test programme on the assembly, dismantle it and examine it internally for progressive smouldering ignition, if this is found, extinguish the test assembly, and record an ignition.	Non-Ignition

### Test Details of Part 1:

As per client's requirement, the filling material was non-fire retardant polyurethane foam corresponding to the specification set out in BS 3379 Type B Hardness grade 130 and of a density of 20-22 kg per m<sup>3</sup>.

Test	Ignition Source	Time to Extinction after Placement of the Cigarette		Comments and Observations
		Flame Ceased Time	Smoking Ceased Time	
1 <sup>st</sup>	0	0s	04 min 26 s	#1
2 <sup>nd</sup>	0	0s	03 min 57 s	#1

### 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 ignition;

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

### Photo Appendix:



Outer Cover

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



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