

WUJIANG SARYTEX CO.,LTD
2/F, NO.3368 YUANQU ROAD, SHENGZE TOWN, SUZHOU CITY, CHINA.

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

Sample Description : One sample of 100%nylon fabric
Style No. : DA20406
Sample Receiving Date : Mar 11, 2021
Testing Period : Mar 11, 2021 - Mar 24, 2021
Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).
Test Performed : Selected test(s) as requested by applicant

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Xiamen Branch

Lemon Ye

Lemon Ye (Account Executive)



Test Result

The below test was conducted in SGS SD LAB.

Test Conducted:

The Test, Specified in Schedule 4 Part I and Schedule 5 Part I of the Furniture and Furnishings (Fire) (Safety) Regulations, is based on BS 5852: Part 1: 1979.

To assess the ignitability of visible cover used in upholstered components when subjected to ignition **source 0 and 1**.

General Information:

Materials	Fabric	Weight	Approximately 136 g/m ²
Soaking Condition:	<input checked="" type="checkbox"/> YES (BS5651, specified in UK Regulations)		
Precondition	Indoor Ambient Condition		72 h
Conditioning of Test Specimen and Ignition Source(s)	Temperature: (23±2) °C; Relative Humidity: (50±5) % Duration: 24 h;		
Testing Enclosure (fume cupboard / room)	23.2 °C	RH 40 %	---

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.

(A) Smoldering Cigarette Test (ignition source 0)

Criteria	1 st test	2 nd test
9.2.3) Whether the evidence of progressive smoldering or flaming is observed in the interior and/or cover	NO	NO
9.2.4) Whether progressive smoldering or flaming of the sample is observed at any time within one hour of placement of the cigarette	NO	NO
9.2.5) Whether progressive smoldering is observed on final examination when dismantle assembly and examine internally	NO	NO

Test Details:

The filling material for Schedule 4 Part I 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 m³.

Test	Ignition Source	Time to extinction after placement of the cigarette			Rating, comments and observation
		Progressive Smoldering Time(second)	Flame Ceased Time(second)	Smoking Ceased Time	
1 st	0	0	0	16min48s	#2
2 nd	0	0	0	18min31s	#2

Sub-Conclusion: PASS



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(B) Butane Flame Test (ignition source 1)

Criteria	1 st test	2 nd test
9.3.4) Whether the evidence of flaming or progressive smouldering in the interior and/or cover is observed beyond 120s of the removal of the burner tube	YES	N/C
9.4) Whether progressive smouldering is observed on final examination when dismantle assembly and examine internally	N/A	N/C

Test Details:

The filling material for Schedule 5 Part I 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 m³.

Test	Ignition Source	Ignition Time	Time to Extinction after Removal of the Burner(second)		Rating, comments and observation
			Flame Ceased Time	Smoking Ceased Time	
1 st	1	(20±1)s	124	N/A	#5
2 nd	1	(20±1)s	N/C	N/C	#6

Sub-Conclusion: FAIL

Remark: N/A--Not Applicable; N/C--Not Conduct;

- #1—Pass, cigarette fails to smoulder its complete length;
- #2—Pass, cigarette passes to smoulder its complete length, but the sample was not ignition;
- #3—Pass, the sample was not ignited after removal of the burner;
- #4—Pass, flaming but self-extinguishment;
- #5—Fail, extinguished by operator, escalating flaming combustion;
- #6—The first test failed, so retest was not conducted.



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Sample Photo



End of Report

