

TEST REPORT

No. : SZIN2406001451PL01_EN

Date : 2024-07-09

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CUSTOMER NAME: DONGGUAN JINQIAO NONWOVEN TECH. CO., LTD
ADDRESS: NO. 15, JINGMEI FOURTH INDUSTRIAL ROAD, DONGKENG TOWN,
DONGGUAN CITY, GUANGDONG PROVINCE

Sample Name : Polyester Fiber Padding

Material : PET

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. : SDFS2406004631FF

Date of Receipt : 2024-06-25

Testing Period : 2024-06-25 ~ 2024-07-09

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 Co., Ltd. ShenZhen Branch.

Jessie Ho

Authorized signatory



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Test Result Summary

| No. | Test(s) Requested | Result(s) |
|-----|--|-----------|
| 1 | Schedule 2 Part I of Furniture and Furnishings (Fire) (Safety) Regulations 1988 With Amendments In 1989 ,1993 and 2010 of United Kingdom | PASS |



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Test Conducted:

The Test, Specified in Schedule 2 Part I of the Furniture and Furnishings (Fire) (Safety) Regulations, is based on BS 5852: Part 2: 1982.

To assess the ignitability of non-foam filling materials singly used in upholstered components when subjected to ignition **2**

General Information:

| Materials | Resin Fiber | | |
|-------------------------------|-------------|----------------------------|--------|
| Specified Thickness of Sample | (75±2) mm | Actual Thickness of Sample | 75 mm* |

| | | | |
|--|--|---------|------|
| 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) | 27.1 °C | RH 57 % | --- |

Test Required:

If smouldering or flaming failure against the criteria of clause 4 of BS 5852: Part 2: 1982 has not occurred or has occurred only by way of damage exceeding the limits defined in clauses 4.1(e) , 4.1(f) and 4(2)(f) , the non-foam filling passes the ignitability test.

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.



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| Test Criteria | Results | |
|---|----------------------|----------------------|
| | 1 st test | 2 nd test |
| (A) Progressive smouldering (Clause 4.1 of BS 5852 part 2:1982) | | |
| 4.1 a) Any composite that produces externally detectable amounts of smoke, heat or glowing 30 minutes after the removal of the burner tube. | NO | NO |
| 4.1 c) Any composite that displays escalating combustion behaviour so that it is unsafe to continue the test and requires forcible extinction. | NO | NO |
| 4.1 d) Any composite that smoulders until it is essentially consumed within the test duration relevant to the source | NO | NO |
| 4.1 e) Any composite 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 |
| 4.1 f) Any composite that, on the final examination, shows evidence of charring other than discolouration, more than 100 mm in any direction apart from upwards from the nearest part of the original position of the source. | NO | NO |

| Test Criteria | Results | |
|---|----------------------|----------------------|
| | 1 st test | 2 nd test |
| (B) Flaming (Clause 4.2 of BS 5852 part 2:1982) | | |
| 4.2 a) Any composite that continues to flame for more than 120s after the removal of the burner tube. | NO | NO |
| 4.2 d) Any composite that displays escalating combustion behaviour so that it is unsafe to continue the test and forcible extinction is required. | NO | NO |
| 4.2 e) Any composite that burns until it is essentially consumed within the test duration relevant to the source. | NO | NO |
| 4.2 f) Any composite on which any flame front reaches the lower margin, either side or passes through the full thickness of the specimen within the duration of the test. | YES | YES |



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Test Details:

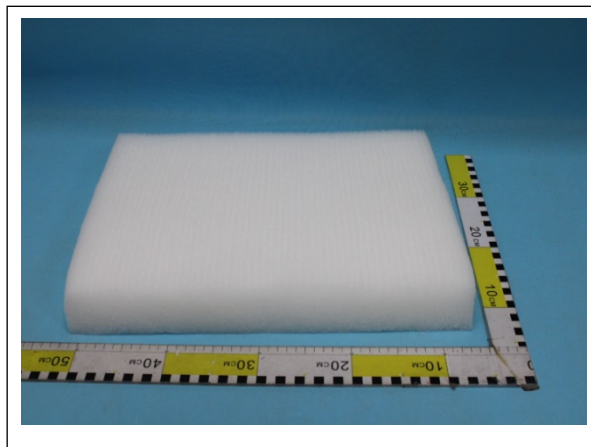
The cover materials for this test were 100 percent flame retardant polyester fibres specified in Schedule 1, Part I of the Regulations.

| Test No. | | 1 st | 2 nd |
|--|-----------------------|-----------------|-----------------|
| Time to Extinction after Removal of the Burner | Flames (sec) | 0 | 0 |
| | Smoke (sec) | 6 | 6 |
| Maximal Extent of damage of test component | Width direction (mm) | 40 | 38 |
| | Length direction (mm) | 18 | 16 |
| | Depth (mm) | Full thickness | Full thickness |

Conclusion: PASS

Remark: *--Tested composite consisted of 1 layer of provided sample.

Photo Appendix:



Appendix information:

The test method was carried out by SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch.

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