

## Test Report

No.SDHL2404007427FT

Date: May 08, 2024

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FOSHAN QUEENSHOME FURNITURE CO.,LTD  
NO. 162, DONGTOU ROAD, DONGTOU VILLAGE, LONGJIANG TOWN,  
SHUNDE DISTRICT, FOSHAN CITY, GUANGDONG PROVINCE

Sample Description : SOFA FOAM  
Style No. : W576  
Client Reference Information : SKU No.(USED FOR):  
P81/P82/P83/P80P/P18/P17/P16/P15/P81PU/  
P52PU/P83PU/P53/P51/P91/P41/P42/P60/P61/D1

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

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SGS Ref No. : SDFS2404002947FF  
Sample Receiving Date : Apr 29, 2024  
Test Performing Date : Apr 29, 2024 to May 08, 2024  
Test Performed : Selected test(s) as requested by applicant

### Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	16CFR 1640.5 Material requirements of Standard for the flammability of Upholstered Furniture	Pass	/
For further details, please refer to the following page(s)			

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

Marco Leung

Marco Leung  
Authorized Signatory

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**Test Criteria:**

Clause	Requirement	Results
§ 1640.5	All upholstered furniture must comply with the requirements in the California standard, Technical Bulletin (TB) 117–2013, “Requirements, Test Procedure and Apparatus for Testing the Smolder Resistance of Materials Used in Upholstered Furniture,” June 2013 (incorporated by reference § 1640.6).	Pass

**Test Conducted:**

TB117-2013 R2019 Requirements, Test Procedure and Apparatus for Testing the Smolder Resistance of Materials Used in Upholstered Furniture Section 3-Resilient Filling Material Test

**I. Sample Details**

Material:	Foam	Density of sample:	33.5 kg/m <sup>3</sup>
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**II. Test Condition**

	Temperature	Relative humidity	Duration
Conditioning of test samples and cigarettes	(21±3) °C	RH < 55 %	24h

**III. Acceptance Criteria:**

1. A single mock-up test specimen fails to meet the requirements of this test procedure if any of the following criteria occurs:

- The mock-up test specimen continues to smolder after the 45 minute test duration;
- A vertical char length of more than 1.5 inches develops on the cover fabric.
- The mock-up test specimen transitions to open flaming.

2. The resilient filling material passes the test if three mock-up specimens pass the test.

3. If more than one specimen fails, the resilient filling material fails the test.

4. If any one of the three initial specimens fails, repeat the test on additional three specimens.

5. If all three additional specimens pass the test, the resilient filling material passes the test. If any one of the additional three specimens fails, the resilient filling material fails the test.

**IV. Test Result**

Specimen #	Smouldering after 45min (YES/NO)	Open flaming (YES/NO)	Vertical Char Length (inches)	Rating
1	NO	NO	0.6	PASS
2	NO	NO	0.6	PASS
3	NO	NO	0.5	PASS

**Conclusion: PASS**


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## Test Report

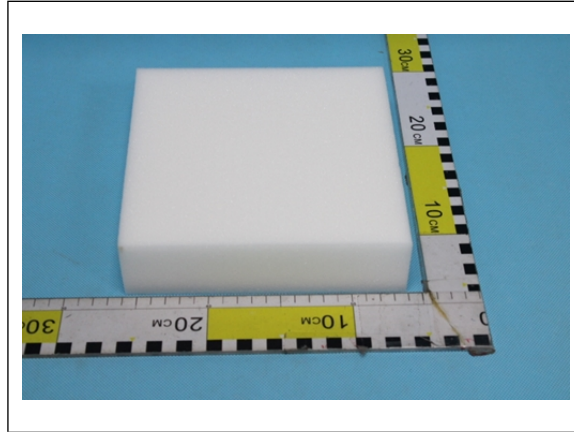
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### Photo Appendix:



Remark: According to client's statements the tested samples are used in their products entitled as item no. stated in "Client Reference Information" column on the first page.

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



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