



Test Report

Report No.: AJFS2409011190FF

Date: SEP.25, 2024

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HAINING HONGXIANG SPONGE CO. LTD.

NO.10, HONGBAO ROAD, QIANJIANG PARK, DINGQIAO TOWN, HAINING CITY, JIAXING, ZHEJIANG PROVINCE

Sample Description: FOAM

Color: BLUE

Density: 30kg/m³

Style/Item No.: /

The above sample(s) was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion arising therefrom. Results apply to the sample as received.

Test Requested:

State of California, Department of Consumer Affairs, Bureau Household Goods and Services, Technical Bulletin 117-2013(R2019), Requirement, Test Procedure and Apparatus for Testing the Smolder Resistance of Materials Used in Upholstered Furniture, Section 3 Resilient Filling Material Test.

Test Results: -- See attached sheet --

Conclusion: The tested sample **meets** the Requirements of Section 3 for Resilient Filling Material Test of California Technical Bulletin 117-2013(R2019).

Test Period:

Sample Receiving Date : SEP.19, 2024

Test Performing Date : SEP.19, 2024 TO SEP.24, 2024

Signed for and on behalf of

SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch

Echo

Echo Li

Approved Signatory

Scan to see the report



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Verification:
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Member of the SGS Group (SGS SA)

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Test Conducted

The test was conducted in accordance with California Technical Bulletin 117-2013(R2019) Testing the Smolder Resistance of Materials Used in Upholstered Furniture, Section 3: Resilient Filling Material Test.

Test Specimen

Description	Foam
Color	Blue
Density	26.8 kg/m ³
Size of specimen	203 mm × 127 mm × 51mm & 203 mm × 203 mm × 51 mm

Conditioning:

Prior to testing, the specimens were conditioned for a minimum of 24 hours, at 70 ± 5°F (21°C ± 3°C) and less than 55% relative humidity.

Test Result

Specimen No.	Continue to smolder after 45 min (Yes/No)	Open flaming (Yes/No)	Vertical char length (mm)	Result
1	No	No	17	Pass
2	No	No	20	Pass
3	No	No	18	Pass

Pass / Fail Criteria:

- 1) A single mock-up test specimen fails the requirements of this test procedure if any of the following criteria occurs:
 - a) The mock-up test specimen continues to smolder after the 45 minute test duration;
 - b) A vertical char length (measured as described in step 17.9 of ASTM E1353-08a ^{§1}) of more than 1.5inches (38 mm) develops on the cover fabric.
 - c) 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.



Comment:

16 CFR 1640, § 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).

The test results are as following:

TB 117-2013(R2019) Section 1	<input type="checkbox"/>	Pass;	<input type="checkbox"/>	Fail;	<input type="checkbox"/>	Not applicable/Not conducted
TB 117-2013(R2019) Section 2	<input type="checkbox"/>	Pass;	<input type="checkbox"/>	Fail;	<input type="checkbox"/>	Not applicable/Not conducted
TB 117-2013(R2019) Section 3	<input checked="" type="checkbox"/>	Pass;	<input type="checkbox"/>	Fail;	<input type="checkbox"/>	Not applicable/Not conducted
TB 117-2013(R2019) Section 4	<input type="checkbox"/>	Pass;	<input type="checkbox"/>	Fail;	<input type="checkbox"/>	Not applicable/Not conducted

Statement: This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.

Photo Appendix:



SGS authenticate the photo on original report only

End of Report