

Test Report

Report No.: AJFS2305003898FF

Date: MAY 19, 2023

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ZHEJIANG HANHE NEW MATERIALS CO., LTD

BUILDING 2, MODERN INDUSTRIAL PARK, TIANZIHU TOWN, ANJI COUNTY, HUZHOU CITY, ZHEJIANG PROVINCE

Sample Description: FOAM

SGS Ref No.: SHHL2305021063FT

Style/Item No.: /

Country of Origin: CHINA

Client Reference Information: 18/70 FOAM, 20/30 FOAM, 22/70FOAM, 24/70FOAM, 28/50 FOAM, 28/70 FOAM, 12/70 FOAM, 24/30 FOAM

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 : MAY 15, 2023

Test Performing Date : MAY 15, 2023 TO MAY 18, 2023

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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I. 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.

II. Test Specimen

Description	Foam
Color	Grey
Density	23.2 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.

III. Test Result

Specimen No.	Duration of smoldering (min:sec)	Open flaming (Yes/No)	Vertical char length (mm)	Comment
1	34min47s	No	16	Pass
2	35min21s	No	17	Pass
3	33min52s	No	18	Pass

Pass / Fail Criteria:

- A single mock-up test specimen fails 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 (measured as described in step 17.9 of ASTM E1353-08a ¹) of more than 1.5 inches (38 mm) develops on the cover fabric.
 - The mock-up test specimen transitions to open flaming.
- The resilient filling material passes the test if three mock-up specimens pass the test.
- If more than one specimen fails, the resilient filling material fails the test.
- If any one of the three initial specimens fails, repeat the test on additional three specimens.
- 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.



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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.

The specimen was supplied by the sponsor and SGS-CSTC ANJI Branch was not involved in any selection or sampling procedure.

Photo Appendix:



SGS authenticate the photo on original report only

End of Report