

Test Report

No. AJFS2003001933FF

Date: APR.01, 2020

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ZHEJIANG HUARUI SPONGE PRODUCTS CO., LTD
JIAOKEWEN XIN DISTRICT, ANJI, ZHEJIANG

The following 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. results apply to the sample as received.

Sample Description: FLAME RETARDANT FOAM

Color: GREY

Density: 24kg/m3

Style/Item No.: /

Test Requested:

State of California, Department of Consumer Affairs, Bureau of Electronic & Appliance Repair, Home Furnishings & Thermal Insulation, Technical Bulletin 117-2013, 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 Submitted Sample **meets** the Requirements of Section 3 for Resilient Filling Material Test of California Technical Bulletin 117-2013.

Test Period:

Sample Receiving Date : MAR.27, 2020

Test Performing Date : MAR.27, 2020 TO APR.01, 2020

Signed for and on behalf of
SGS-CSTC Co., Ltd. Anji Branch



Allen Zou
Lab Manager

scan to see the report



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SGS-CSTC Inspection & Testing Services Co., Ltd.
Anji Branch Fire Technology Service

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I. Test Conducted

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

II. Details of tested specimen

Sample description / Color	Foam / Grey
Density	24.8 kg/m ³
Sample size	203mm×127mm×51mm & 203mm×203mm×51mm

III. 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.

IV. Test results

Specimen No.	Duration of smoldering (min:sec)	Open flaming (Yes/No)	Vertical char length (mm)	Comments
1	32min40s	No	18	Pass
2	30min57s	No	18	Pass
3	31min26s	No	19	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 ^{ε1}) of more than 1.5 inches (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.

To be continued...



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STATEMENTS:

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 test results only to the ignitability of the sample or 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.

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



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