

Test Report

No. AJFS1901000288FF

Date: JAN.15, 2019

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ZHEJIANG WANG JIA FENG FAN FOAM MANUFACTURING CO. LTD
NO.50 HUITONG ROAD HUIMIN STREET, JIASHAN COUNTY, ZHEJIANG

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description: C3013

Color: WHITE

Style/Item No.: /

Manufacturer: ZHEJIANG WANG JIA FENG FAN FOAM MANUFACTURING CO. LTD

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 : JAN.10, 2019

Test Performing Date : JAN.10, 2019 TO JAN.14, 2019

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

Allen Zou
Technical Manager



SGS-CSTC Inspection & Testing Services Co., Ltd.
Anji Branch Hangzhou

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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 / White
Density	About 29.8 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	32min47s	No	17	Pass
2	31min52s	No	18	Pass
3	31min18s	No	16	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:

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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