

## Test Report

No. AJFS2201000239FF

Date: JAN.18, 2022

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ZHEJIANG WANG JIA FENG FAN FOAM MANUFACTURING CO. LTD

NO.50 HUITONG ROAD HUIMIN STREET, JIASHAN COUNTY, ZHEJIANG

**Sample Description:** C2512W FOAM**Color:** WHITE**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 Submitted Sample **meets** the Requirements of Section 3 for Resilient Filling Material Test of California Technical Bulletin 117-2013(R2019).

**Test Period:**

Sample Receiving Date : JAN.12, 2022

Test Performing Date : JAN.12, 2022 TO JAN.18, 2022

Signed for and on behalf of

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

Allen Zou  
Approved Signatory

scan to see the report



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## I. Test Conducted

This 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

|                            |                                     |
|----------------------------|-------------------------------------|
| Sample description / Color | Foam / White                        |
| Density                    | 29.6 kg/m <sup>3</sup>              |
| 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            | 31min29s                         | No                    | 17                        | Pass     |
| 2            | 32min40s                         | No                    | 18                        | Pass     |
| 3            | 31min36s                         | No                    | 17                        | 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 <sup>1</sup>) 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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Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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Member of the SGS Group (SGS SA)

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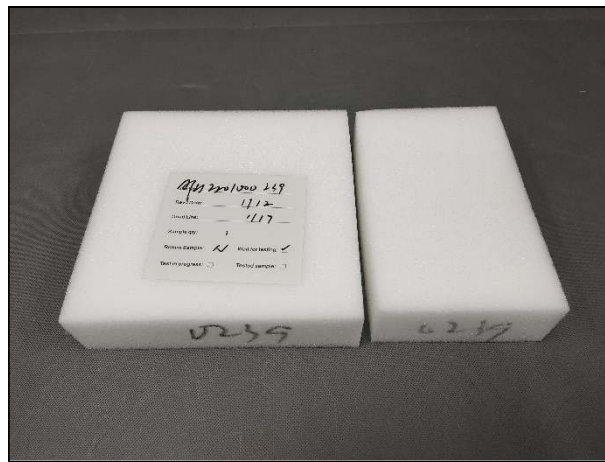
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### Statement:

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\*\*\*