



## Test Report

Report No.: AJFS2403002031FF

Date: MAR.11, 2024

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**ZHEJIANG ANJI SHENGAN SPONGE CO., LTD**

XIAOFENG SHIGUQIAO INDUSTRIAL ZONE, ANJI COUNTY, ZHEJIANG PROVINCE

**Sample Description:** FOAM

**SGS Ref No.:** AJHL2403000828FT

**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 : MAR.05, 2024

Test Performing Date : MAR.05, 2024 TO MAR.08, 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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### 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	Grey
Density	29.6 kg/m <sup>3</sup>
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.	Duration of smoldering (min:sec)	Open flaming (Yes/No)	Vertical char length (mm)	Comment
1	31min45s	No	15	Pass
2	32min28s	No	16	Pass
3	32min11s	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 <sup>§1</sup>) 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.

**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.



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### Photo Appendix:



SGS authenticate the photo on original report only

\*\*\*End of Report\*\*\*