



Test Report

No.SDHL2305007522FT

Date: May 10, 2023

Page 1 of 3

HUIZHOU XINYANG POLYMER MATERIAL CO.,LTD
PUTOU INDUSTRIAL ZONE ,HUZHEN TOWN,BOLUO COUNTY,HUIZHOU CITY,CHINA

Sample Description : SPONGE

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

SGS Ref No. : SDFS2305002477FF
Sample Receiving Date : May 08, 2023
Test Performing Date : May 08, 2023 to May 10, 2023
Test Performed : Selected test(s) as requested by applicant

Test Result Summary

| No. | Test(s) Requested | Result(s) | Comments |
|------------------------------------------------------------|--------------------------------------------------------|-----------|----------|
| 1 | California Technical Bulletin 117-2013 R2019 Section 3 | PASS | / |
| For further details, please refer to the following page(s) | | | |

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch

Marco Leung

Marco Leung
Authorized Signatory

scan to see the report



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Test Conducted:

TB117-2013 R2019 Requirements, Test Procedure and Apparatus for Testing the Smolder Resistance of Materials Used in Upholstered Furniture Section 3-Resilient Filling Material Test

I. Sample Details

| | | | |
|-----------|------|--------------------|------------------------|
| Material: | Foam | Density of sample: | 27.7 kg/m ³ |
|-----------|------|--------------------|------------------------|

II. Test Condition

| | | | |
|---------------------------------------------|-------------|-------------------|----------|
| | Temperature | Relative humidity | Duration |
| Conditioning of test samples and cigarettes | (21±3) °C | RH < 55 % | 24h |

III. Acceptance Criteria:

1. A single mock-up test specimen fails to meet 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 of more than 1.5 inches 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.

IV. Test Result

| Specimen # | Smouldering after 45min (YES/NO) | Open flaming (YES/NO) | Vertical Char Length (inches) | Rating |
|------------|----------------------------------|-----------------------|-------------------------------|--------|
| 1 | NO | NO | 0.7 | PASS |
| 2 | NO | NO | 0.7 | PASS |
| 3 | NO | NO | 0.8 | PASS |

Conclusion: PASS

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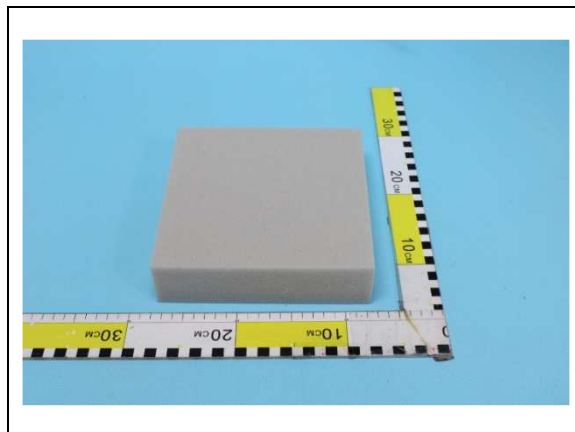


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Photo Appendix:



End of Report



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