中国认可
国际互认
检测
TESTING
CNAS L3428

Test Report

Date : 2026-07-14

No. : DT26062478

Applicant (08322024) : Foshan Mengqiya Home Technology Co., Ltd.
4th Floor, Building B, No.3 (Self-built), Qiaoyang Industrial Zone, South Huangqi Road, Qiaoyang Economic Cooperative, Shangen Community, Xiqiao Town, Nanhai District, Foshan City, Guangdong Province, China

Description of Sample(s) : One(1) style of submitted sample(s) said to be :
sofa

Date sample(s) Received : 2026-06-26

Date Tested : 2026-06-26 to 2026-07-02

Result Summary:

No	Test Requested	Conclusion	Remark
1	16 CFR Part 1640-Standard for the Flammability of Upholstered Furniture, is in accordance with TB117-2013 Section 1: Cover fabric test	PASS	-
2	16 CFR Part 1640-Standard for the Flammability of Upholstered Furniture, is in accordance with TB117-2013 Section 3: Resilient filling material test.	PASS	-
3	Total Lead content-16 CFR Part 1303, U.S. CPSC	PASS	-

Zhang Ke Yuan, Kent
Authorized Signatory

STC(GUANGDONG) COMPANY LTD.

STC (Guangdong) Company Limited
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TEST RESULTS:

1. 16 CFR Part 1640-Standard for the Flammability of Upholstered Furniture, is in accordance with TB117-2013 Section 1: Cover fabric test

Conditioning:
Condition test specimens and cigarettes prior to the test for a minimum of 24 hours at 21° ± 3 °C(70° ± 5 °F) and less than 55% relative humidity. If conditions in the test area are not the same as in the conditioning area, tests should begin within 10 minutes of removal of samples from conditioning area.

Sample:Fabric(Black)
Test Result:

Specimen	Vertical Char Length (nearest 0.1 inch)	Smoldering period （second）	Specimen transitions to open flaming	Comment
1	0.7	18 min 44s	No	Pass
2	0.8	19 min 1s	No	
3	0.7	18 min 30s	No	

Requirement:
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 1.8 inches (45 mm) develops on the cover fabric;
   c) The mock-up test specimen transitions to open flaming.
2. The cover fabric passes the test if three initial mock-up specimens pass the test, i.e., the cigarettes burn their full length and the mock-ups are no longer smoldering.
3. If more than one initial specimen fails, the cover fabric 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 cover fabric passes the test. If any one of the additional three specimens fails, the cover fabric fails the test.

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TEST RESULT(S):

2. 16 CFR Part 1640-Standard for the Flammability of Upholstered Furniture, is in accordance with TB117-2013 Section 3: Resilient filling material test.

Conditioning:
Condition test specimens and cigarettes prior to the test for a minimum of 24 hours at 21° ± 3 °C(70° ± 5 °F) and less than 55% relative humidity. If conditions in the test area are not the same as in the conditioning area, tests should begin within 10 minutes of removal of samples from conditioning area.

Sample:Foam(White)
Test Result:

Specimen	Vertical Char Length (nearest 0.1 inch)	Smoldering period （second）	Specimen transitions to open flaming	Comment
1	0.5	28 min 1s	No	Pass
2	0.5	27 min 44s	No	
3	0.5	28 min 30s	No	

Requirement:
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 (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.

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TEST RESULT(S):

3.Total Lead content-16 CFR Part 1303, U.S. CPSC
Method used: CPSC-CH-E1003-09.1
Determined by: Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer

Element	Result(mg/kg)	Limit(mg/kg)
Total Lead (Pb)	19	90

Note(s): (1) < = less than
(2) mg/kg = milligrams per kilogram

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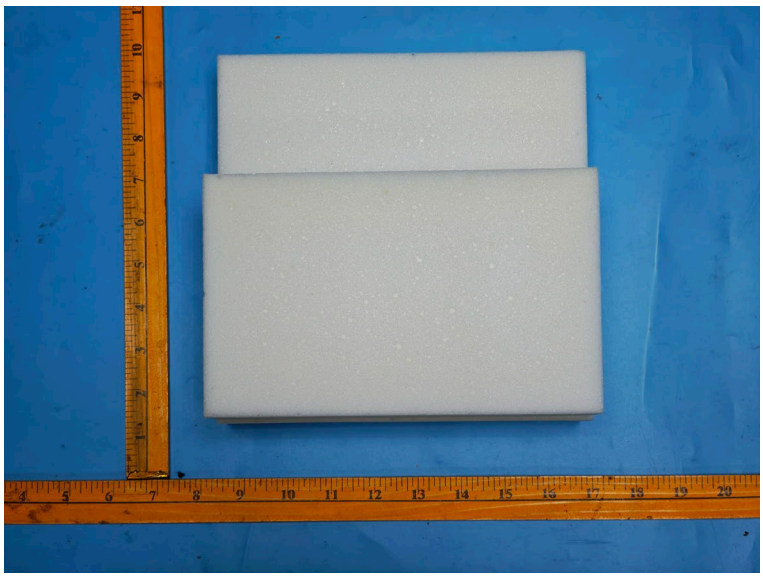
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Appendix for Photos of the Submitted Sample(s)

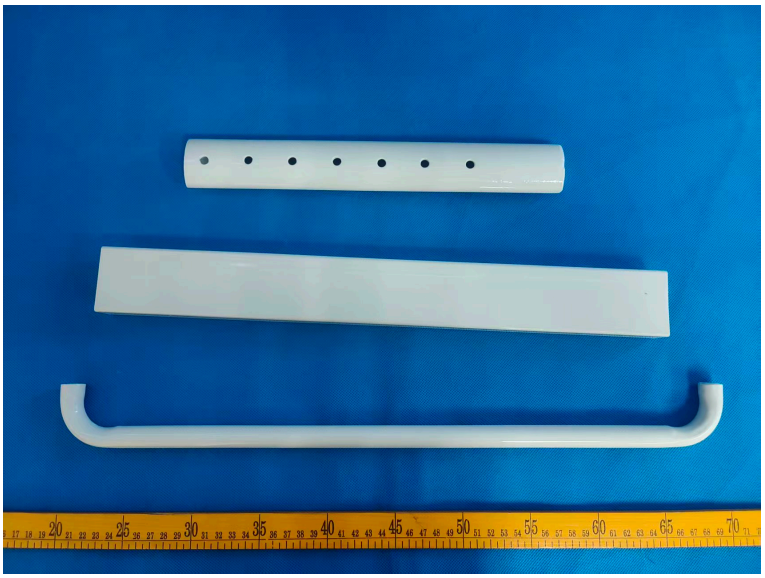




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********* End of Test Report *********

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