

**Test Report** No.: CZHL2404002392HI Date: APR. 18, 2024 Page 1 of 5

HUBEI MIRITZ FURNITURE CO., LTD

LUOTIAN ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE, HUANGGANG CITY, HUBEI  
PROVINCE, CHINA, 438600

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

Sample Description : FOAM

Style No. : 100

\*\*\*\*\*

Sample Receiving Date : APR. 11, 2024

Testing Period : APR. 11, 2024 TO APR. 17, 2024

Testing Performed : Follow selected test(s) as requested by client.

	Test Requirement	Conclusion
1	Section 3 for Resilient Filling Material Test of California Technical Bulletin 117-2013(R2019).	Pass
2	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under US EPA Toxic Substances Control Act (TSCA) Section 6(h)	Pass

\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*



Land Jiang

Authorized Signatory

Scan to see the report



CZHL2404002392HI

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**Test Results:**

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	White
Density	40.2 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	31min28s	No	15	Pass
2	32min11s	No	16	Pass
3	31min40s	No	15	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>ε1</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.
- 6) The testing was performed by SGS other internal laboratory.



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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.

**Photo Appendix:**



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## Test Part Description :

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CZX24-0006641-0001.C001	White foam

## Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-” = Not Regulated

**Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under US EPA Toxic Substances Control Act (TSCA) Section 6(h)**

Test Method: With reference to US EPA 3550C:2007, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1
Decabromodiphenyl ether (DecaBDE) <sup>Δ1</sup>	1163-19-5	Prohibited	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) <sup>Δ2</sup>	68937-41-7	Prohibited	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) <sup>Δ3</sup>	732-26-3	3000	mg/kg	5	ND
Hexachlorobutadiene (HCBd)	87-68-3	Prohibited	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	10000	mg/kg	5	ND
<b>Conclusion</b>					<b>Pass</b>

## Notes:

(1) The regulation is available at the following link.

<https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/persistent-bioaccumulative-and-toxic-pbt-chemicals-under>

(2) <sup>Δ1</sup>: The submitted sample is exempted if it is plastic for recycling from products or articles containing Deca-BDE.

(3) <sup>Δ2</sup>: The submitted sample is exempted from the regulated scope if it is anyone of the following:

- Hydraulic fluids for aviation or military industry;
- Lubricants and grease;
- New and replacement parts for motor and aerospace vehicles;
- Intermediate in a closed system to produce cyanoacrylate adhesive;



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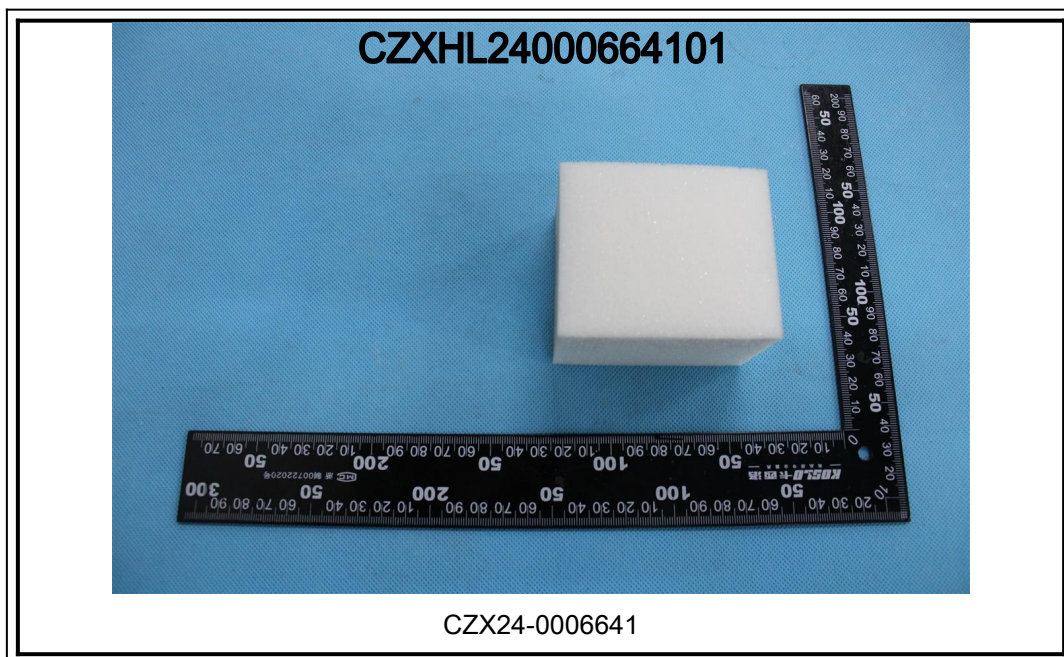
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- Specialized engine air filters for locomotive and marine applications;
  - Plastic for recycling from products or articles containing PIP (3:1);
  - Finished products or articles made of plastic recycled from products or articles containing PIP (3:1).
- (4) <sup>Δ3</sup>: The submitted sample is out of the regulated scope if it is not oil or lubricant.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ( $n=0$ ) stated in ILAC-G8:09/2019.

**Sample Photo:**



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



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