



中国认可
国际互认
检测
TESTING
CNAS L6069



Test Report

Report No. TC.25.03.001030

Date of Issue 2025-03-22



Applicant: QINGDAO SKY FURNITURE CO.,LTD
Applicant Address: ROOM 1724,BUILDING 50,NO.101 SHENZHEN RD,QINGDAO,CHINA
Sample Description: Foam
Style No. of finished product: COX102 / ROR001/COX002
Manufacturer: Qingdao Dulin Wood Co., Ltd.
Country of Origin : China
Country of Destination: UK
Buyer: JULIAN BOWEN LIMITED
BENTINCK HOUSE,PARK LANEKIRKBY-N-ASHFIELD, NOTTS NG17 9LE
Receipt Date of Sample: Received on 2025-03-18
Date of Testing: From 2025-03-18 to 2025-03-21
Sample Submitted: The Sample(s) and Its (Their) Information(s) Was (Were) Submitted by Applicant and Identified.
Test Result: Refer to Next Page.

TÜV SÜD SW Rail Transportation Technology (Jiangsu) Co., Ltd.

Prepared by:

Zou. Song

Song Zou

Approved by:

wayne

Wayne Wang

Note:

(1) Each order is subject to acceptance of our [General Terms and Conditions](#) and the [TÜV SÜD Testing, Certification, Validation and Verification Regulation](#), in the version valid at the time the contract is concluded. For full version of above both documents, please visit the link to view.

(2) The results in this report are relevant only to the sample(s) tested.

(3) The test report shall not be reproduced except in full without the written approval of the laboratory.

(4) Disclaimer Measurement Uncertainty:

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 or CNAS-GL015:2022.

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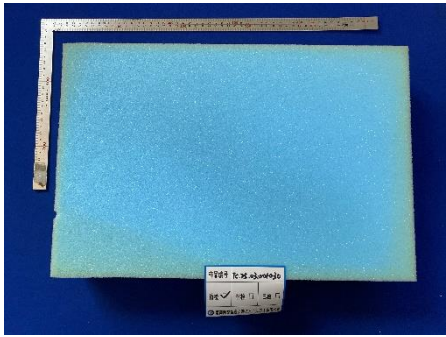


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Description of the test subject

Sample	Description	Picture of Sample
001	Foam	

Conclusion:

Test Items		Standard	Conclusion
1	Ignitability test for polyurethane foam in slab or cushion form	The Furniture and Furnishings (Fire) (Safety) Regulations 1988 (amended 1989 and 1993 and 2010) Schedule 1 Part I	Pass

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Test Results

The Furniture and Furnishings (Fire) (Safety) Regulations 1988 (amended 1989 and 1993 and 2010)

1. Schedule 1 part I

Test method: BS 5852: Part 2:1982

1.1 Sample Description

Density	32.2kg/m ³		
Precondition	Temperature	Relative humidity	Duration
	20±5°C	50±20%R.H.	≥16h

1.2 Test Details

Ignition Source	Source 5 – crib ignition sources
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1.3 Test Results

	1	2
Burn time, s	198	212
Pre-test weight, g	6435	6470
Post test weight, g	6409	6440
mass loss, g	26	30

1.4 Criteria of failure

1.4.1 progressive smouldering failures, for the purposes of this standard, all the following types of behaviour are considered to be progressive smouldering failures (identify with BS 5852: Part 2:1982 clause 4.1 a~f):

Progressive smouldering Ignition	Source 5	
	Test 1	Test 2
a) For source 2 or 3: any composite that produces externally detectable amounts of smoke, heat or glowing 30min after the removal of the burner tube	N/A	N/A
b) For source 4, 5, 6 or 7: any composite that produces externally detectable amounts of smoke, heat or glowing 60 min after ignition of the crib	N	N
c) Any composite that displays escalating combustion behaviour so that it is unsafe to continue the test and requires forcible extinction.	N	N
d) Any composite that smoulders until it is essentially consumed within the test duration relevant to the source.	N	N
e) Any composite that smoulders to the extremities of the specimen viz upper or lower margins, either side or to its full thickness, within the duration of the test.	N	N
f) Any composite that, on final examination, shows evidence of charring other than discolouration, more than 100 mm in any direction apart from upwards from the nearest part of the original position of the source	N	N



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1.4.2 Flaming failure

For the purposes of this standard, all the following types of behaviour are considered as to be flaming failures (identify with BS 5852: Part 2:1982 clause 4.2 a-f):

Flaming ignition	Source 5	
	Test 1	Test 2
a) For source 2 or 3: any composite that continues to flame for more than 120s after the removal of the burner tube	N/A	N/A
b) For sources 4 or 5: any composite that continues to flame for more than 10 minutes after the ignition of the crib.	N	N
c) For sources 6 or 7: any composite that continues to flame for more than 13 minutes after the ignition of the crib.	N/A	N/A
d) Any composite that displays escalating combustion behaviour so that it is unsafe to continue the test and forcible extinction is required.	N	N
e) Any composite that burns until it is essentially consumed within the test duration relevant to the source.	N	N
f) any composite on which any flame front reaches the lower margin, either side or passes through the full thickness of the specimen within the duration of the test	N	N

Remark:

Y: Observe ignite.

N: Not observe ignite.

N / A: No applicable

--: It was unsafe to continue the test and required forcible extinction. So there is no record.

Requirement:

If failure against the criteria of clause 4 of BS 5852: Part 2:1982 has occurred but only by way of damage exceeding the limits defined in clauses 4.1(e), 4.1(f) and 4.2(f) and provided that the resultant mass loss (initial mass less final mass) is less than 60 g the foam passes the ignitability test.

Conclusion: Pass

Statement : The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential smoke and toxicity hazard of the product in use.

-End of Report-



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