

## Test Report

NUMBER : TSNH00549270

Applicant : BaZhou Chang An Plastic Co., Ltd.  
申请公司: 霸州市长安塑胶科技有限公司  
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Attn : Wang chenggang  
联系人: 王成刚

Date : Jun 19,2025  
日期: 2025年06月19日

Photo  
照片



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Authorized By :  
批准:  
For Intertek Testing Services (Tianjin) Ltd.  
天祥(天津)质量技术服务有限公司

David Zhang  
张维童  
Asst.General Manager  
副总经理



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### Sample Description:

样品描述:

One (1) submitted sample said to be

一(1) 款样品描述为

Item Name : Flame retardant sponge

品名 : 阻燃海绵

Item No. : 30

品号 : 阻30

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### Tests Conducted:

检验项目:

As requested by the applicant, for details refer to attached page(s).

按客户要求, 详见续页

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### Conclusion:

结论:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
测试样品	标准	结果
Submitted Sample	BS 5852: Part 2: 1982 As Modified By Schedule 1	Pass
送检样品	Part I (Ignitability Test For Polyurethane Foam In Slab Or Cushion Form) Of The Furniture And Furnishings (Fire) (Safety) Regulations 1988 (As Amended)	合格
	BS 5852:第2部分:1982 根据 1988 年《家具和家具(防火)(安全)规例》附表 1 第 I 部分(平板或垫状聚氨酯泡沫的可燃性测试)(经修订)修改	

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### Flammability Test (BS 5852 Part 2:1982, Crib Test):

燃烧测试（英国标准5852第二部分：1982，木架测试）

BS 5852: Part 2: 1982 As Modified By Schedule 1 Part I (Ignitability Test For Polyurethane Foam In Slab Or Cushion Form) Of The Furniture And Furnishings (Fire) (Safety) Regulations 1988 (As Amended) And Using The Cover Fabric Detailed Below.

家具及家饰防火安全法规修订了1982年英国标准5852第二部分（块状或垫子形状聚氨酯 海绵燃烧测试），并对包裹海绵的面料在下面给出了细述。

The Tests Were Carried Out Using A 220g/m<sup>2</sup> Flame Retardant Polyester Fabric Which Deviates In Part From The Specification Stated In Schedule 1 Part 1 Of The Regulations. Although This Fabric Does Not Fully Meet The Specification Laid Down In The Regulations This Was Regarded As Having No Significant Effect On The Test  
完成此测使用的阻燃聚酯纤维成分、克重为220克/平方米的面料与法规附录第一部分中详述的有所不同。虽然这种面料不能完全符合法规的规定，但是不会对测试产生很大的影响。

The Following Test Results Relate Only To The Ignitability Of The Combination Of Upholstery Composites Under The Particular Conditions Of Test; They Are Not Intended As A Means Of Assessing The Full Potential Fire Hazard Of The Materials In Use.

下面的测试结果只是家具组合在特定环境下得到的，并不能完全评定其在实际使用过程中的潜在火灾危险。

Criterion Of Ignition: Ignition Source 5 - Crib.

标准火源： 火源5—木架

Conditioning : 72 Hours Indoor Ambient And At Least 16 Hours Of 20±5°C, 50±20% Relative Humidity.

平衡环境： 室内平衡72小时，以及温度在20±5°C，湿度在50±20%的条件下平衡至少16小时

Testing Atmosphere : 15-30°C, 20-70% Relative Humidity

测试环境： 温度15-30°C，湿度20-70%

Performance Requirement : Clause 4.1-4.2 Of BS 5852 Part 2:1982

通过测试要求： 1982年出版的英国标准5852第二部分中的第4.1—4.2

### Test Result:

测试结果:

#### Progressive Smoldering Failure

加速阴燃不合格项

- |   |          |          |
|---|----------|----------|
| (A) Any composite that produces externally detectable amounts of smoke, heat or glowing 60 minutes after ignition of the crib;<br>点燃木架60分钟后任意部分仍可观察到大量的烟，放热或阴燃现象; | No<br>否  | No<br>否  |
| (B) Any composite that displays escalating combustion behaviour;<br>任意部分有燃烧扩大趋势;  | No<br>否  | No<br>否  |
| (C) Any composite that smoulders until it is essentially consumed within the test duration;<br>在测试过程中，任意部分有闷燃现象，直到样品完全烧毁;   | No<br>否  | No<br>否  |
| (D) Any composite that smoulders to the extremities of the specimen viz upper or lower margins, either side or to its full  | Yes<br>是 | Yes<br>是 |

#### 1<sup>st</sup> Test

初测

No  
否

#### Retest

重测

No  
否



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thickness, within the duration of the test;#

在测试过程中，任意部分闷燃到样品边缘，即竖直片样品的上边缘或水平片样品的前边缘，包括烧到两边或烧穿整个样品；#

- (E) 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.#

Yes  
是

Yes  
是

最终检查时，任意部分表现出除颜色变化外的烧焦现象，并且从火源放置的原始位置起 向各个方向延伸的烧焦距离大于100mm。#

### Flaming Failure

#### 燃烧不合格项

- (A) Any composite that continues to flame for more than 10 minutes after the ignition of the crib;

点燃木架10钟后任意部分仍可观察到持续燃烧的火焰；

- (B) Any composite that displays escalation combustion behaviour; 任意部分有燃烧扩大趋势；

- (C) Any composite that burns until it is essentially consumed within the test duration;

在测试过程中，任意部分有燃烧现象，直到样品完全烧毁；

- (D) 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.#

在测试过程中，火焰烧到水平片样品的前边缘，包括烧到两边或烧穿整个样品。#

### 1<sup>st</sup> Test

#### 初测

No  
否

No  
否

No  
否

Yes  
是

### Retest

#### 重测

No  
否

No  
否

No  
否

Yes  
是

### Resultant Mass Loss

#### 最终克重损失

32g

28g

Foam 海绵	Ignition Source 火源	Time To Extinction After Placement Of Ignition Source 从火源放置开始到火焰熄灭的时间			
		Flaming Ceased Time 火焰停止时间		Smoking Ceased Time 冒烟停止时间	
Test No. 测试顺序		Min	Sec	Min	Sec
1		3	46	5	12
Retest		3	27	4	57

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Remark : Yes = Was observed

备注: Yes = 观察到

No = Was not observed

No = 未观察到

# = If failure against the criteria and provided that the resultant mass loss was less than 60 g the foam pass the ignitability test

# = 如果仅此项不符合标准，并且产生的克重损失小于60克，海绵通过测试

Remark: The test data and results presented in this report are only applied for scientific research, teaching, enterprise internal quality control, enterprise product development and so on.

备注: 本报告所出具的检测数据结果用于科研、教学、企业内部质量控制、企业产品研发等目的。

Date sample received: Jun 12,2025

样品收到日期: 2025年06月12日

Testing period: Jun 13,2025 To Jun 18,2025

测试进行日期: 2025年06月13日至2025年06月18日

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End of report  
报告结束

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