

Applicant : Bazhou Simeixuan Foam Product Co.,Ltd

Date : Mar 04, 2025

Attn : Wang Jun

Sample Description As Declared :

No. Of Sample : One
Fibre Content : -
Material : Foam Filling
Finishing : -
End Uses : -
Colour : Grey
Style No. : -
Order No./PO No. : -
Buyer's Name : -
Agent's Name : -
Manufacturer's Name : -

Applicant's Provided Care Instruction/Label : -

Date Received/Date Test Started : Feb 26, 2025

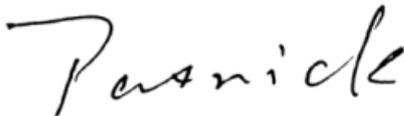
Tests Conducted:

As Requested By The Applicant, For Details Refer To Attached Page(S)

Conclusion:

Based Upon The Test Results Reported, The Sample Meets The Requirement Of Schedule 1 Part I Of The Furniture And Furnishings (Fire) (Safety) Regulations 1988 (As Amended).

Authorized By :
For Intertek Testing Services
(Tianjin) Ltd.



Patrick Gong
General Manager

Tests Conducted:

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

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.

The Tests Were Carried Out Using A 220g/m² 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

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.

Criterion Of Ignition: Ignition Source 5 - Crib.

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

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

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

Test Result:

Progressive Smoldering Failure

	<u>1st Test</u>	<u>Retest</u>
(A) Any Composite That Produces Externally Detectable Amounts Of Smoke, Heat Or Glowing 60 Minutes After Ignition Of The Crib;	No	No
(B) Any Composite That Displays Escalating Combustion Behaviour;	No	No
(C) Any Composite That Smoulders Until It Is Essentially Consumed Within The Test Duration;	No	No
(D) 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;#	Yes	Yes
(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	Yes

Tests Conducted:

Flammability Test (Cont'd)

<u>Flaming Failure</u>	<u>1st Test</u>	<u>Retest</u>
(A) Any Composite That Continues To Flame For More Than 10 Minutes After The Ignition Of The Crib;	No	No
(B) Any Composite That Displays Escalation Combustion Behaviour;	No	No
(C) Any Composite That Burns Until It Is Essentially Consumed Within The Test Duration;	No	No
(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.#	Yes	Yes

<u>Resultant Mass Loss</u>	<u>1st Test</u>	<u>Retest</u>
	<u>50g</u>	<u>53 g</u>

Foam	Ignition Source	Time To Extinction After Placement Of Ignition Source			
		Flaming Ceased Time		Smoking Ceased Time	
		Min	Sec	Min	Sec
1	5	3	21	4	43
Retest	5	3	40	4	59
Ignitability Performance Index				P5	

Remark : YES = Was Observed
 NO = Was Not Observed
 # =If Failure Against The Criteria And Provided That The Resultant Mass Loss Was Less Than 60 g The Foam Pass The Ignitability Test

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