

TEST REPORT

Number : HGHT05256995

Applicant : HANGZHOU YOUBO TEXTILE CO., LTD.
NO.177 DANGKE RD, DANGSHAN INDUSTRIAL
ZONE, DANGSHAN TOWN, XIAOSHAN DISTRICT,
HANGZHOU CITY
Attn : LI GANG

Date : Dec 11, 2017

Sample Description As Declared :

No. Of Sample : One (1)
Fibre Content : 100% Polyester
Material : Woven Fabric
Finishing : -
End Uses : Cushion
Colour : Grey
Style No. :
Order No./PO No. : -
Buyer's Name :
Manufacturer's Name : -
Ref. : With Flame Retardant

Applicant's Provided Care Instruction/Label :

-

Date Received/Date Test Started : Dec 01, 2017

Conclusion:

Based Upon The Test Results Reported, The Sample Meets The Requirement Of Schedule 5 Part I Of The Furniture And Furnishings (Fire) (Safety) Regulations 1988 With Amendments In 1989 And 1993 Of United Kingdom.

Based Upon The Test Results Reported, The Sample Meets The Requirement Of Schedule 4 Part I Of The Furniture And Furnishings (Fire) (Safety) Regulations 1988 With Amendments In 1989 And 1993 Of United Kingdom.

Prepared And Checked By:
For Intertek Testing Services Ltd., Hangzhou



Vivian Zhao
Manager



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Attention is drawn to the terms and conditions printed overleaf

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Tests Conducted (As Requested By The Applicant)

1 Flammability Test (BS 5852 Part 1:1979, Match Test):

The test, specified in schedule 5 Part I of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 (as amended in 1989,1993 and 2010), is based on BS 5852 part 1:1979 using ignition source 1 - match test for 20 seconds.

To assess the ignitability of visible cover with standard filling material used in upholstered components when subjected to ignition flame.

The following test results relate only to the ignitability of the combination of material 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.

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

Flame Retardant Finishing Of Visible Cover : Yes

Soaking Condition : Clause 4.2-4.5 of BS 5651:1978, As Modified By The Furniture and Furnishing (Fire)(Safety) Regulations 1988,30 minutes at 40°C, Line Dry, .

Performance Requirement : Clause 9 of BS 5852 part 1:1979

Test Result:

Progressive Smouldering Failure

(A) Evidence of progressive smouldering in the interior and/or cover after 120 seconds of the removal of burner tube.

(B) On final examination progressive smouldering is observed on the assembly dismantle and examined it internally.

1st Test

No

Retest

No

Flaming Failure

(A) Evidence of flaming in the interior and/or cover after 120 seconds of the removal of burner tube.

No

No

Fabric	Ignition Source	Time To Extinction After Removal Of Burner			
		Flaming Ceased Time		Smoking Ceased Time	
		Min	Sec	Min	Sec
1	1	0	1	0	12
Retest	1	0	1	0	13

Remark : No = Was not observed

Remark: This Test Was Conducted By Intertek Testing Services Shanghai Ltd.

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Tests Conducted (As Requested By The Applicant)

2 Flammability Test (BS 5852:Part 1:1979, Cigarette Test):

The Test, Specified In Schedule 4 Part I Of The Furniture And Furnishing (Fire) (Safety) Regulations 1988 (As Amended In 1989, 1993 And 2010), Is Based On BS 5852 Part 1:1979 Using Ignition Source - Cigarette.

To Assess The Ignitability Of Visible Cover With Standard Filling Material Used In Upholstered Components When Subjected To A Smouldering Cigarette.

The Following Test Results Relate Only To The Ignitability Of The Combination Of Materials 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.

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

Flame Retardant Finishing Of Visible Cover : Yes

Soaking Condition : Clause 4.2-4.5 of BS 5651:1978, As Modified By The Furniture and Furnishing (Fire)(Safety) Regulations 1988,30 minutes at 40°C, Line Dry.

Performance Requirement : Clause 9 Of BS 5852 Part 1:1979

Test Result:

	<u>1st</u> Test	<u>Retest</u>
<u>Progressive Smouldering Failure</u>		
(A)Evidence Of Progressive Smouldering In The Interior And/Or Cover During Combustion.	No	No
(B)Progressive Smouldering Of The Upholstery Components Is Observed At Any Time Within A Period Of One Hour Of The Placement Of The Cigarette;	No	No
(C)On Final Examination Progressive Smouldering Is Observed On The Assembly Dismantle And Examined It Internally.		No
<u>Flaming Failure</u>		
(A)Evidence Of Flaming In The Interior And/Or Cover During Combustion;	No	No
(B)Flaming Of The Upholstery Components Is Observed At Any Time Within A Period Of One Hour Of The Placement Of The Cigarette.	No	No

Fabric/ Standard Filling	Ignition Source	Time To Extinction After Placement Of Ignition Source			
		Flaming Ceased Time		Smoking Ceased Time	
		min	sec	min	sec
1	0	0	0	27	02
Retest	0	0	0	26	53

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Tests Conducted (As Requested By The Applicant)

Remark : No = Was not observed

The fabric was tested with non fire-retardant polyurethane foam type b.

Note : There was insufficient filling material to carry out the cigarette test out over the actual upholstery composite so as suggested by the guide to the furniture regulations the cover fabric was tested for cigarette resistance using standard polyurethane foam (non-modified) as this will give the furniture manufacturer a good indication of its likelihood to pass the cigarette test for the finished article.

Remark: This Test Was Conducted By Intertek Testing Services Shanghai Ltd.

End of Report

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