

Test Report

Number: SHAH01052959

Tests Conducted

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 Furnishings (Fire) (Safety) Regulations 1988, 30 minutes at 40°C, Line Dry.

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

Test Result:

<u>Progressive Smoldering Failure</u>		<u>1st Test</u>	<u>Retest</u>
(A)	Evidence Of Progressive Smoldering In The Interior And/Or Cover During Combustion.	No	No
(B)	Progressive Smoldering 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 Smoldering 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

Flammability Test (CONT'D)

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	21	16
Retest	0	0	0	20	32

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.



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Tests Conducted

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 Furnishings (Fire) (Safety) Regulations 1988, 30 minutes at 40°C, Line Dry.

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

Test Result:

Progressive Smoldering Failure

		<u>1st Test</u>	<u>Retest</u>
(A)	Evidence Of Progressive Smoldering In The Interior And/Or Cover During Combustion.	No	No
(B)	Progressive Smoldering 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 Smoldering Is Observed On The Assembly Dismantle And Examined It Internally.		No

Flaming Failure

(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	23	45
Retest	0	0	0	24	26

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Submitted Sample

Date Sample Received: Dec 24, 2018
Testing Period: Dec 24, 2018 to Jan 03, 2019

End Of Report

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