

TEST REPORT

Report No : AW6000726(0) Date: 20 Sep 2018

Application No : LW600268(0)

Applicant : HOME SOLUTIONS CO., LIMITED
深圳市龍崗布吉鎮

Buyer : ROSEBAY FURNITURE LIMITED

Sample Description : One (1) submitted sample of non-foam filling stated to be 'Loose fibre'

Date Received : 11 Sep 2018.

Test Period : 11 Sep 2018 to 18 Sep 2018.

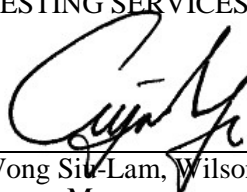
Test Requested : Flammability test stated in the UK Furniture and Furnishings (Fire) (Safety) Regulations 1988 with amendments in 1989, 1993 and 2010 of United Kingdom, Schedule 2 Part 1.

Test Method : As stated in the above regulations, the test was determined in accordance with BS 5852 : Part 2 : 1982 (Butane Flame Ignition Source 2).

Test Result : Refer to the results on page 2 to 3.

Conclusion : The submitted sample was found to comply with the requirements of the UK Furniture and Furnishings (Fire) (Safety) Regulations 1988 with amendments in 1989, 1993 and 2010 of United Kingdom, Schedule 2 Part 1.

For and on behalf of
FIRA-CMA TESTING SERVICES LTD



Authorized Signature : _____ Page 1 of 4
Wong Sit-Lam, Wilson
Manager
FIRA-CMA Testing Services Limited

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Test Result :

Flammability test stated in the UK Furniture and Furnishings (Fire) (Safety) Regulations 1988 with amendments in 1989, 1993 and 2010 of United Kingdom, Schedule 2 Part 1 (Ignition Source : 2).

Condition of test specimen : 72 hours in indoor ambient conditions and then at least 16 hours at Temperature $20 \pm 5^{\circ}\text{C}$ Relative Humidity $50 \pm 20\%$

Test Condition : Temperature 24°C Relative Humidity 54%

Criteria of Ignition	Specimen 1	Specimen 2
Progressive Smouldering criteria		
a. Any composite that produced externally detectable amounts of smoke, heat or glowing 30 min after removal of the burner tube;	No	No
b. Any composite that displayed escalating combustion behaviour;	No	No
c. Any composite that smouldered until it was essentially consumed within the test duration relevant to the source;	No	No
d. Any composite that smouldered to the extremities of the specimen viz upper or lower margins, either side or to its full thickness, within the duration of the test;	No	No
e. Any composite that, on final examination, showed 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.	No	No
Flaming criteria		
a. Any composite that continued to flame for more than 120 seconds after the removal of the burner tube;	No	No
b. Any composite that displayed escalating combustion behaviour;	No	No
c. Any composite that burned until it was essentially consumed within the test duration relevant to the source;	No	No
d. Any composite on which any flame front reached the lower margin, either side or passed through the full thickness of the specimen within the duration of the test.	No	No
Result	Non-ignition	

Non-foam filling	Time to extinction after removal of burner			
	Flaming ceased time		Smoking ceased time	
	Min	Sec	Min	Sec
Specimen 1	0	10	0	17
Specimen 2	0	12	0	16
Ignitability Performance Index	P2			

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- Remark:
- 1) The above test results relate only to the ignitability of the combination of upholstery composites under the particular conditions of test.
 - 2) The above test results are not intended as a means of assessing the fully potential fire hazard of the materials in use.
 - 3) If failure has occurred only by way of damage exceeding the limits defined in smouldering criterion (d), (e) and flaming criterion (d) the non-foam filling passes the ignitability test.
 - 4) The submitted sample was tested with cover fabric corresponding to the specification set out in UK Furniture and Furnishings (Fire) (Safety) Regulations 1988 with amendments in 1989, 1993 and 2010 of United Kingdom, Schedule 1 Part 1 and packing density is 31.6 kg/m³.
 - 5) Min denotes minutes
Sec denotes seconds
°C denotes degree Celsius
% denotes percentage
kg/m³ denotes kilogram per cubic meter
 - 6) The flammability test was subcontracted to CMA Industrial Development Foundation Limited (CMA Testing and Certification Laboratories) with Report Number: AW0051708(0) issued on 18 Sep 2018.

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Appendix



***** End of Report *****