

TEST REPORT

Report No : AW6000730(5)

Date: 21 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 fabric stated to be 'Dark grey PVC 15' with Article No.:#15

Date Received : 11 Sep 2018.


Test Period : 11 Sep 2018 to 18 Sep 2018.

Test Details : Refer to test details requested by applicant on page 2.

Conclusion : 1. 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 4 Part 1.
2. 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 5 Part 1.

For and on behalf of
FIRA-CMA TESTING SERVICES LTD

Authorized Signature : _____


Wong Sit-Lam, Wilson
Manager

FIRA-CMA Testing Services Limited

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Test Requested : 1. Flammability test stated in the UK Furniture and Furnishings (Fire) (Safety) Regulations 1988 with amendments in 1989, 1993 and 2010 of United Kingdom, Schedule 4 Part 1.
2. Flammability test stated in the UK Furniture and Furnishings (Fire) (Safety) Regulations 1988 with amendments in 1989, 1993 and 2010 of United Kingdom, Schedule 5 Part 1.

Test Method : 1. As stated in the above specifications, the test was determined in accordance with BS 5852 : Part 1 : 1979 (Smouldering cigarette Source 0).
2. As stated in the above specifications, the test was determined in accordance with BS 5852 : Part 1 : 1979 (Butane Flame Ignition Source 1).

Test Result : Refer to the results on page 3 to 4.

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Test Result :

1. Flammability test stated in the UK Furniture and Furnishings (Fire) (Safety) Regulations 1988 with amendments in 1989, 1993 and 2010 of United Kingdom, Schedule 4 Part 1 (Ignition Source : 0).

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. Evidence of progressive smouldering in the interior and/or cover during combustion;	No	No
b. Progressive smouldering of the upholstery components was observed at any time within a period of one hour of the placement of the cigarette;	No	No
c. On final examination progressive smouldering was observed on the assembly dismantled and examined it internally.	No	No
Flaming criteria		
a. Evidence of flaming in the interior and/or cover during combustion;	No	No
b. Flaming of the upholstery components was observed at any time within a period of one hour of the placement of the cigarette.	No	No
Result	Non-ignition	

Fabric	Time to extinction after placement of ignition source			
	Flaming ceased time		Smoking ceased time	
	Min	Sec	Min	Sec
Specimen 1	0	0	18	34
Specimen 2	0	0	18	49

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Test Result :

2. Flammability test stated in the UK Furniture and Furnishings (Fire) (Safety) Regulations 1988 with amendments in 1989, 1993 and 2010 of United Kingdom, Schedule 5 Part 1 (Ignition Source : 1).

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. Evidence of progressive smouldering in the interior and/or cover after 120 seconds of the removal of burner tube;	No	No
b. On final examination progressive smouldering was observed on the assembly dismantled and examined it internally.	No	No
Flaming criteria		
a. Evidence of flaming in the interior and/or cover after 120 seconds of the removal of burner tube.	No	No
Result	Non-ignition	

Fabric	Time to extinction after removal of burner			
	Flaming ceased time		Smoking ceased time	
	Min	Sec	Min	Sec
Specimen 1	0	1	0	12
Specimen 2	0	1	0	10

- Remark:
- 1) The above test results relate only to the ignitability of the combination of materials under the particular conditions of test.
 - 2) The above test results are not intended as a means of assessing the full potential fire hazard of the materials in use.
 - 3) The submitted sample was tested with standard non-fire retardant polyurethane foam as the filling material and subjected to water soaking procedure* before being conditioned.

* The specimen was immersed in water in accordance with clauses 4.2 to 4.5 of BS 5651: 1978, at $40 \pm 1^{\circ}\text{C}$ for 30 minutes and followed by line dry.
 - 4) Min denotes minutes
Sec denotes seconds
 $^{\circ}\text{C}$ denotes degree Celsius
% denotes percentage
 - 5) The flammability test was subcontracted to CMA Industrial Development Foundation Limited (CMA Testing and Certification Laboratories) with Report Number: AW0051712(5) issued on 18 Sep 2018.

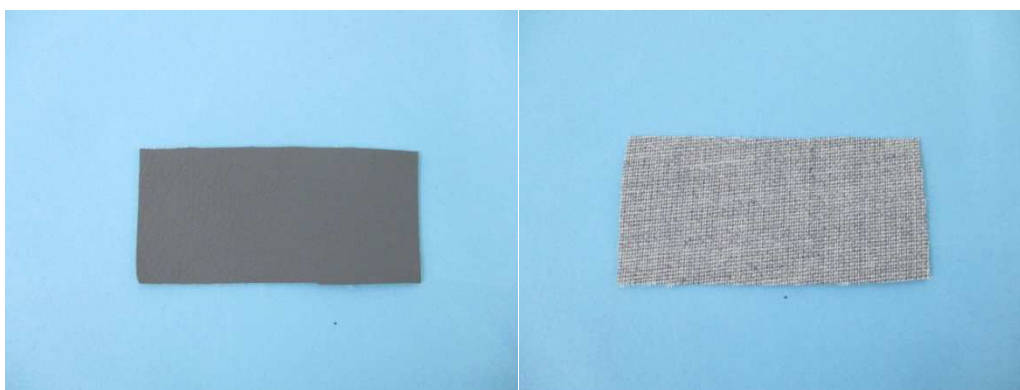
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Appendix



Cover face

Cover back

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