



CONSUMER PRODUCTS SERVICES DIVISION

Technical Report: (6618)085-0104
Date Received: MAR 26, 2018
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APR 04, 2018
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ZHAO YONG
ANJI JINTAI LEATHER TRADING CO.,LTD
ZHEJIANG HUZHOU ANJI COUNTY SWIVEL CHAIR
MARKET 4301

Sample Description:	BLACK PVC		
Manufacturer:	/	PO No.:	/
Buyer:	/	Style No	/
Country of Origin:	/	Country of Destination:	/
Color:	/	SKU No.:	/
Protocol No.:	/	Previous Report No.:	/

EXECUTIVE SUMMARY:

Evaluation To: Flammability in comparison with the requirements of: -

1. The Furniture and Furnishings (Fire) (Safety) Regulations 1988. S.I. No. 1324(amended 1989, 1993 and 2010), Schedule 4, Part I, Cigarette test for cover fabrics.
2. The Furniture and Furnishings (Fire) (Safety) Regulations 1988. S.I. No. 1324(amended 1989, 1993 and 2010), Schedule 5, Part I, Match test for cover fabrics.

Standards Employed: As specified in above standard(s) and incorporated with using ignition source 0 and 1 of BS 5852: Part 1:1979.

Condition prior to testing: Prior to testing, the standard cover fabric was conditioned in indoor ambient conditioned for 72 hours and then in a standard atmosphere having a temperature of $20\pm 5^{\circ}\text{C}$ and a relative humidity of $50\pm 20\%$ RH for a minimum of 16 hrs..

Conclusions: The fabric sample supplied MEET all the requirements of The Furniture and Furnishings (Fire) (Safety) Regulations 1988, S.I. No. 1324(amended 1989, 1993 and 2010), Schedule 4, Part I and Schedule 5, Part I, when using ignition source 0 & 1 of BS 5852:Part 1:1979.

REMARK:

The client specifies the test methods and requirements.



BVCPS (SHANGHAI) GENERAL CONTACT INFORMATION FOR THIS REPORT

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Hyde Bao
PRODUCT LINE MANAGER(HARDLINE DIVISON)



SUMMARY OF EXAMINATION

Introduction:

An examination was requested to ascertain compliance with the requirement(s) as detailed on page one of this report. The following clauses were considered applicable and our findings were as follows:

1. The Furniture and Furnishings (Fire) (Safety) Regulations 1988. S.I. No. 1324 (amended 1989, 1993 and 2010), Schedule 4, Part I, Ignitability test for Cover fabrics. Cigarette Test (Ignition Source 0)		
Failure Criteria	Position 1	Position 2
Progressive Smouldering Criteria		
a. Any composite that produces externally detectable amounts of smoke, heat or glowing 1 hour after placement of cigarette	No	No
b. Any composite that displays escalating smouldering combustion behaviour so that it is unsafe to continue the test and requires forcible extinction	No	No
c. Any composite that, on final examination, shows evidence of charring other than discolouration in the internal of the specimen	No	No
Flaming Criteria		
a. Any composite that occur of any visible flaming within 1 hour after placement of cigarette	No	No
b. Any composite that displays escalating flaming combustion behaviour so that it is unsafe to continue the test and forcible extinction is required	No	No
c. Any composite that burns until it is essentially consumed within the test duration relevant to the source	No	No
Note: If any one of the following criterion has occurred on either position 1 or position 2, the result should be rated as fail for the ignitability test.		

Rating: PASS



2. The Furniture and Furnishings (Fire) (Safety) Regulations 1988. S.I. No. 1324, (amended 1989, 1993 and 2010), Schedule 5, Part I, Ignitability test for Cover fabrics. Match Test (Ignition Source 1)		
Failure Criteria	Position 1	Position 2
Progressive Smouldering Criteria		
a. Any composite that produces externally detectable amounts of smoke, heat or glowing 120 s after removal of the burner tube	No	No
b. Any composite that displays escalating smouldering combustion behaviour so that it is unsafe to continue the test and requires forcible extinction	No	No
c. Any composite that smoulders until it is essentially consumed or that smoulders to the extremities of the specimen, that is to either side or to the full thickness of the specimen, within the duration of the test	No	No
d. Any composite that, on final examination, shows evidence of charring other than discolouration in the internal of the specimen	No	No
Flaming Criteria		
a. Any composite that continues to flame for more than 120 s after removal of the burner tube	No	No
b. Any composite that displays escalating flaming combustion behaviour so that it is unsafe to continue the test and forcible extinction is required	No	No
c. Any composite that burns until it is essentially consumed within the test duration relevant to the source	No	No
d. Any test specimen on which any flame front reaches the extremities of the specimen other than the top of the vertical part of the test specimen, within the duration of the test	No	No
Note: If any one of the following criterion has occurred on either position 1 or position 2, the result should be rated as fail for the ignitability test.		

Rating: PASS



ANNEX I: SUBMISSION DESCRIPTION

Details of sample: /
Material Identification: Not given.

ANNEX II: ADDITIONAL COMMENTS

- I All the test results contained on this report are 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.
- II BV can take no responsibility for the accuracy of the reference/descriptions supplied by the client.
- III NA = Not applicable on this evaluation.
- IV In the cigarette test, the submitted sample was tested in combination with Combustion Modified High Resilient (CMHR) Foam as specified in Schedule 5 Part II of the Regulations.
- V In the Match test, the submitted sample was tested in combination with standard worse case scenario non-flame retardant conventional polyurethane foam as specified in Schedule 5 Part I of the Regulations.
- VI Since the submitted sample was tested and fully comply a first test singly. In order to show that the fabric would fully comply a second test would need be performed which also passed.
- VII In the interests of safety all tested samples, along with any residue of failed samples will be disposed of immediately.

EXHIBIT



END