

Test Report

No. AJFS2106005345FF

Date: JUN.30, 2021

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DOREL HOME FURNISHINGS EUROPE LTD

ALPHASON HOUSE,244 SWAN LANE, HINDLEY GREEN, WIGAN WN2 4EY, UNITED KINGDOM

Product Description: SHENGXING TAN PU

SGS Ref No.: AJHL2106001898OT

Ref. No./Item No.: REID PU OFFICE CHAIR TAN – JLP

Supplier: DOREL HOME FURNISHINGS EUROPE LTD

Buyer: JOHN LEWIS PARTNERSHIP UK

Manufacturer: SHENGXING

Country of Origin: CHINA

Country of Destination: UK

Labeled Age Grading: ADULT

The above sample(s) was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion arising therefrom. Results apply to the sample as received.

Test Requested:

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 and Schedule 5, Part I, Match test for cover fabrics.

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

Test Results: -- See attached sheet --

Conclusion: The tested sample **Meets** the Requirements of Schedule 4 Part I and Schedule 5 Part I In Statutory Instrument 1988 No.1324 (Amended 1989,1993 and 2010) the Furniture and Furnishings (Fire) (Safety) Regulations.

Test Period:

Sample Receiving Date : JUN.23, 2021
Test Performing Date : JUN.23, 2021 TO JUN.29, 2021

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch



Allen Zou
Approved Signatory



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Test Conducted

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, Cigarette test and Match test for cover fabric. Smouldering Cigarette (ignition source 0) and Match Ignition (ignition source 1) of BS 5852:1979 Part 1.

Conditioning

Prior to testing the sample was,

Cleansed using a water-soak procedure at 40±1°C as described in BS 5651:1978 and modified by this Regulations 1988 S.I. No. 1324 (amended 1989, 1993 and 2010) Schedule 4 Part I and Schedule 5 Part I.

And then dried and conditioned at least 72 h in indoor ambient conditions and 16 h in an atmosphere having a temperature of 20±5°C and a relative humidity of 50±20%.

At time of testing: Temperature between 15°C ~ 30°C and Relative humidity between 20% ~ 70%.

Test results

The following test results relate only to the ignitability of the combination of materials under the particular condition of test. They are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

| | | |
|--|-----------------|-----------------|
| (A) Smouldering cigarette test criteria (BS 5852 Part 1:1979) | 1 st | 2 nd |
| Clause 9.2.3 Whether the evidence of progressive smouldering or flaming is observed in the interior and/or cover | NO | NO |
| Clause 9.2.4 Whether progressive smouldering or flaming of the sample is observed at any time within one hour of placement of the cigarette | NO | NO |
| Clause 9.2.5 Whether progressive smouldering is observed on final examination when dismantle assembly and examine internally | NO | NO |
| (B) Butane flame test criteria (BS 5852 Part 1:1979) | 1 st | 2 nd |
| Clause 9.3.4 Whether the evidence of flaming or progressive smouldering in the interior and/or cover is observed beyond 120s of the removal of the burner tube | NO | NO |
| Clause 9.4 On final examination whether progressive smouldering is observed when dismantle assembly and examine internally | NO | NO |

To be continued....



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Test Details

| Cigarette Test | | |
|--|----------------------------|-----------------|
| Specimen No. | 1 st | 2 nd |
| Progressive smouldering (PS) or Flaming (F) | NO | NO |
| Duration of | Ignition source (min, sec) | 3min27s* |
| | Flames (min, sec) | 0s |
| | Smoke (min, sec) | 3min40s |
| Final examination of progressive smouldering (9.4) | NO | NO |
| Reason for failure (Ref to failure code) | -- | -- |
| Comments & observations | -- | -- |
| Overall Result | PASS | PASS |

*--The cigarette self extinguished.

| Match Test | | |
|--|-----------------------------|-----------------|
| Specimen No. | 1 st | 2 nd |
| Progressive smouldering (PS) or Flaming (F) | NO | NO |
| Duration of | Ignition source (19-21 sec) | 20s |
| | After flames (min, sec) | 0s |
| | Smoke (min, sec) | 27s |
| Final examination of progressive smouldering (9.4) | NO | NO |
| Reason for failure (Ref to failure code) | -- | -- |
| Comments & observations | -- | -- |
| Overall Result | PASS | PASS |

Remark: The submitted sample was tested in combination with standard worse case scenario non-flame retardant conventional polyurethane foam as specified in the Regulations.

Statements:

The declaration of conformity is based on non-binary acceptance decision rules with guard band, and the guard band length parameter is 0.

To be continued...



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Photo Appendix:

Details of sample:

Color: Brown

This PU sample of approximate density of 455 g/m².



SGS authenticate the photo on original report only

*** End of Report ***



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