



Test
TS EN ISO/IEC 17025
AB-0716-T

AB-0716-T

TURT210030272

REV01

TEST REPORT

REPORT NUMBER : TURT210030272-REVISED 1
APPLICANT NAME : HÖPKE MÖBELSTOFF-HANDELS GMBH

03-21
Page 1 of 3

SAMPLE DESCRIPTION :

Sample 1: One sample of navy leather fabric
Sample 2: One sample of brown leather
Sample 3: One sample of orange leather
DATE IN : 3 March ,2021 (07:46:00)
RESUBMIT DATE : 22 March ,2021
DATE OUT : 29 March ,2021 / 30 March ,2021
MODEL/STYLE NO : ALICANTE
FIBER COMPOSITION : Not Given
NOTE :
1-The tests methods were given by the applicant
2-(+) The test was performed by an approved third party subcontractor laboratory.
3- In this revised 01 report, sample 2,3 were added and model /style no was change attention removed by the request of the applicant
This report replaced the report no TURT210030272 dated on 29 March,2021 and must be used instead of it
Report no TURT210030272 dated 29 March, 2021 is invalid.

PROVIDED CARE LABEL : Not Given

| TEST | SAMPLE | | |
|-----------------------|--------|---|---|
| | 1 | 2 | 3 |
| Flammability test (†) | P | - | - |
| Flammability test | - | P | P |

P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE / LS = LACK OF SAMPLE / NC = NO COMMENT / I = INCONCLUSIVE / # = SEE RESULT / NF = NEEDS FURTHER TESTING / A = ABSENT / M = MARGINAL ACCEPT / SD = SEE DETAILS ENCLOSED / FS = FURTHER STEPS / P* = COMMERCIALY ACCEPTED BY CLIENT

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Gizem OZDIN
Customer Care Executive

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210030272-REV01

R E S U L T S

REPORT :TURT210030272-REVISED 1

Page 2 of 3

30 March ,2021

| Test Method | Results | Requirements |
|-------------|---------|--------------|
|-------------|---------|--------------|

(İ) Flammability; Bs En 1021-2:2014 Match Flame Test

The sample has not been treated with a fire-retardant chemical. Therefore original sample was tested

Conditioning

Prior to testing: All samples and cigarettes were conditioned before the test for at least 24 hours in an atmosphere having a temperature of 23 ± 2 °C and a relative humidity of 50 ± 5 %

Test Condition: The sample was tested in an atmosphere with a temperature of 15°C to 30°C and relative humidity of 15% to 80 %.

Filling Specification

Filling Type: Non fire retardant polyurethane foam

Size : 450 x 300 x 75 mm (back) & 450 x 150 x 75 mm (seat)

Density / Hardness : 22 kg/m³

Type B, 130 N

Specimen size : 800 x 650 mm (length x width)

ignition Source: Butane gas Flowing at 45 ml/min @ 25 ° C

Flame Height: 35mm

Flame Application Time : 15±1 seconds

"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."

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RESULTS

REPORT :TURT210030272-REVISED 1

Page 3 of 3

30 March ,2021

| Test Method | Results | Requirements |
|--|---------|--------------|
| Criteria of Failure | | |
| Progressive smouldering failure | Test 1 | Test 2 |
| Any test assembly that display escalating combustion behaviour so that it is unsafe to continue the test and active extinction is necessary | NO | NO |
| Any test assembly that smoulders until it is largely consumed within the test duration | NO | NO |
| Any test assembly that smoulders 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 |
| Any test assembly that smoulders after one hour from the beginning of the test | NO | NO |
| Any test assembly that, on final examination, shows evidence of active smouldering | NO | NO |
| Flaming failure | | |
| Any test assembly that display escalating combustion behaviour so that it is | NO | NO |
| Any test assembly that burns until it essentially consumed within the test | NO | NO |
| Any test assembly on which any flame front reaches the lower margin, | NO | NO |
| Any flaming which continues for more than 120 s after removal of the burner tube | NO | NO |
| RESULT | PASS | |

O : Observed
NO : Not Observed

Test Details

| | Test 1 | Test 2 |
|--|--------|--------|
| Duration of flaming (after removal of the burner) (min:sec) | - | - |
| Duration of progressive smouldering time (min:sec) | - | - |

O : Observed
NO : Not Observed

"The fabric tested meets the requirements BS EN 1021-2:2014/EN 1021-2:2014 / TS EN 1021-2:2014 / DIN EN 1021-2:2014"

RESULTS

REPORT :TURT210030272-REVISED 1

Page 4 of 3

30 March ,2021

Flammability Test

BS 5852 :1979 Part 1

Sample 1

Test Specification

Test Method: BS 5852-1: 1979 as modified by Schedule 4 Part 1 and Schedule 5 Part 1 of The Furniture and Furnishing (fire) (safety) Regulations 1988 (as amended) Criterin of Ignition: Ignition Source 0: Calibrated Senior Service Cigarette

Ignition Source 1: Butane Gas flowing at 45ml/minute

@ 25°C. Flame Application Time: 20±1 seconds

Side Tested: Face

Filling Specification

Filling type: Polyurethane foam

Size: 450 x 300 x 75 mm (back) & 450 x 150 x 75

mm (seat) Density / Hardness: 20-22 kg/m³ / Type B Hardness grade 130

Pre-treatment/Durability procedure

None

Conditioning

Prior to testing: At least 72 hours in ambient indoor conditions, then at least 16 hours in an atmosphere having a temperature of 20±5°C and a relative humidity of 5 ±20%

At time of testing: Temperature of 15 to 30°C and a relative humidity of 20% to 70%

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RESULTS

REPORT :TURT210030272-REVISED 1

Page 5 of 3
30 March ,2021

Flammability Test

BS 5852 1979: Part 1

| Test Method | Pre Treatment | Flammability Performance | Result |
|---|---------------|---|--------|
| BS 5852: Part 1: 1979, Ignition source 0 (Cigarette) | None | Compliance with Schedule 4 Part 1 (The cigarette test) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). | PASS |
| Note: Fabric was submitted for test rather than the upholstery composite so as suggested by The Guide to the Furniture Regulations the cover fabric was tested for cigarette resistance using standard polyurethane foam (non- | | | |

TestResults

"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 mean of assessing the full potential fire hazard of materials in use."

| Cigarette | Specimen No | Cigarette | Flaming | Progressive | Covering | Result |
|-----------|-------------|-----------|---------|-------------|----------|--------|
| Test | 1 | **** | N | N | Y | PASS |
| | 2 | **** | N | N | Y | PASS |

****The cigarette failed to burn its complete length, there was no flaming of progressive smouldering

Y: Yes N: No N/A: Not Applicable P: Pass F: Fail D: Depth L: Length W: Width

Conclusion:

The composite tested meets the requirements of Schedule 4 Part 1 of the Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). **PASS**

RESULTS

REPORT :TURT210030272-REVISED 1

Page 6 of 3

30 March ,2021

Flammability Test

BS 5852 :1979 Part 1

Sample 2

Test Specification

Test Method: BS 5852-1: 1979 as modified by Schedule 4 Part 1 and Schedule 5 Part 1 of The Furniture and Furnishing (fire) (safety) Regulations 1988 (as amended) Criterion of Ignition: Ignition Source 0: Calibrated Senior Service Cigarette

Ignition Source 1: Butane Gas flowing at 45ml/minute

@ 25°C. Flame Application Time: 20±1 seconds

Side Tested: Face

Filling Specification

Filling type: Polyurethane foam

Size: 450 x 300 x 75 mm (back) & 450 x 150 x 75

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RESULTS

REPORT :TURT210030272-REVISED 1

Page 7 of 3

30 March ,2021

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Conclusion:

The composite tested meets the requirements of Schedule 4 Part 1 of the Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). **PASS**

END OF TEST REPORT