

TEST REPORT

2024AU0685

DATE OF RECEPTION

Date Format: dd/MM/yyyy 29/05/2024

DATE TESTS

Starting: 30/05/2024

Ending: 03/06/2024

APPLICANT

ENGLISH DEKOR HANDELSGMBH & CO KG
SCHEYDGASSE 29
AT-1210 WIEN
Austria

Att. Kim Villaluz

IDENTIFICATION AND DESCRIPTION OF SAMPLES

Reference by AITEX	Reference by customer	AITEX sample description
2024AU0685-S01	EASY	Fabric

TESTS CARRIED OUT

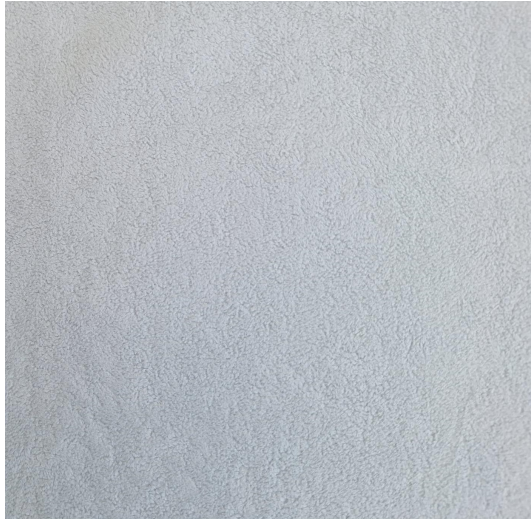
- FURNITURE ASSESSMENT OF THE IGNITABILITY OF UPHOLSTERY FURNITURE.

Tests marked with * are not included within the scope of the ENAC accreditation.





DESCRIPTION OF SAMPLES



Reference by AITEX: 2024AU0685-S01

Reference by customer:

EASY

AITEX sample description:

Light grey velvet aspect fabric. / *Fabric*

Composition provided by the customer:

Polyester 60%, PU 35%, Silicone 5%, with a weight of 620 g/m².



RESULTS

FURNITURE ASSESSMENT OF THE IGNITABILITY OF UPHOLSTERY FURNITURE

Standard

EN 1021-1:2014

Reference

2024AU0685-S01

Standard conditioned

24 h (for at least) / (23±2) °C and (50±5) %HR

Starting and time date	Ending and time date
30/05/2024 9:00	03/06/2024 13:00

Ambiental conditions test

23,9 °C / 50,5 %HR.

Speed air

0,08 m/s

SubstrateFire retardant polyurethane foam having density of 33-37 Kg/m³**Test date**

03/06/2024

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**Ignition source****Smouldering cigarette**

- a) Smouldering escalating unsafe
- b) Test assembly consumed
- c) Smoulders specimen extremities
- d) Smoulders through thickness
- e) Smoldering more than an hour
- f) Shows evidence of active smouldering
- g) Cigarettes Self-extinguis
- h) Result: P = Pass | F = Fail.

Specimen	a	b	c	d	e	f	g	h
Specimen 1	NO	NO	NO	NO	NO	NO	NO	P
Specimen 2	NO	NO	NO	NO	NO	NO	NO	P
Specimen 3	NO	NO	NO	NO	NO	NO	NO	P

NA = No applied

***NOTE:** 3rd cigarette is tested only in self-extinguishing case.

Observations

During the test, there is a moderate emission of grey smoke. The cigarettes have been extinguished at 5 min 33 seconds, 8 min 17 seconds and 4 min 19 seconds, respectively.

Test uncertainty

± 2.5%

Standard deviations

Observations

The test results relate to the behavior of the test specimens of a product under the particular conditions of the test; they are not interested to be the sole criterion for assessing the potential fire hazard of the product in use.

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CRITERIA OF IGNITION PROGRESSIVE SMOULDERING IGNITION
a) Any test assembly that displays escalating combustion behavior so that it is unsafe to continue the test and active extinction is necessary.
b) Any test assembly that smolders until it is largely consumed within the test duration.
c) Any test assembly that smolders to the extremities of the specimen, viz, upper or lower margins, either side or to its full thickness, within the duration of the test.
d) Any test assembly that smolders for more than one hour.
e) Any test assembly that, on final examination, shows evidence of active smoldering.

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RESULTS

FURNITURE ASSESSMENT OF THE IGNITABILITY OF UPHOLSTERY FURNITURE

Standard

EN 1021-2:2014

Reference

2024AU0685-S01

Standard conditioned

24 h (for at least) / (23±2) °C and (50±5) %HR

Starting and time date	Ending and time date
30/05/2024 9:00	03/06/2024 13:00

Ambiental conditions test

23,9 °C / 50,5 %HR.

Speed air

0,08 m/s

SubstrateFire retardant polyurethane foam having density of 33-37 Kg/m³**Test date**

03/06/2024

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Ignition source

Butane flames equivalent to match flame

- a) Smouldering escalating unsafe
- b) Test assembly consumed
- c) Smoulders specimen extremities
- d) Smoulders through thickness
- e) Flaming more than 120 s
- f) Result: P = Pass | F = Fail.

Specimen	a	b	c	d	e	f
Specimen 1	NO	NO	NO	NO	NO	P
Specimen 2	NO	NO	NO	NO	NO	P
Specimen 3	NO	NO	NO	NO	NO	P

Observations

During the test, there is a moderate emission of grey smoke.

Test uncertainty

± 2.5%

Standard deviations

Observations

The test results relate to the behavior of the test specimens of a product under the particular conditions of the test; they are not interested to be the sole criterion for assessing the potential fire hazard of the product in use.

CRITERIA OF IGNITION FLAMING IGNITION
a) Any test assembly that displays escalating combustion behavior so that it is unsafe to continue the test and active extinction is necessary.
b) Any test assembly that smolders until it is largely consumed within the test duration.
c) Any test assembly that smolders to the extremities of the specimen, viz, upper or lower margins, either side or to its full thickness, within the duration of the test.
d) Any flaming which continues for more than 120 s after removal of the burner tube.

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Joan Risueño
Head of Fire Behaviour lab.



Date: 04/06/2024 11:40:09
Digitally Signed by: JOAN RISUEÑO CABANES -
NIF: 48605765A

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