

TEST REPORT

2025AU0023

DATE OF RECEPTION

Date Format: dd/MM/yyyy 10/01/2025

DATE TESTS

Starting: 14/01/2025 Ending: 20/01/2025 **APPLICANT**

PIERRE FREY SAS 47 RUE DES PETITS-CHAMPS FR-75001 PARIS France

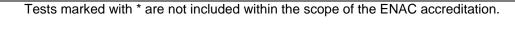
Att. Adeline Jelago

IDENTIFICATION AND DESCRIPTION OF SAMPLES

Reference by AITEX	Reference by customer	AITEX sample description
2025AU0023-S01	F3370 BALTAZAR	Fabric

TESTS CARRIED OUT

- IMO RESOLUTION MSC.307 (88) ANNEX 1 PART 8 - TEST OF UPHOLSTERED FURNITURE.







DESCRIPTION OF SAMPLES



Reference by AITEX: 2025AU0023-S01

Reference by customer:

F3370 BALTAZAR

AITEX sample description:

Fabric

RESULTS

SAMPLE DESCRIPTION

Sample description and end use application declared by applicant

Navy blue velvet fabric.

Test laboratory	Asociación de Investigación de la Industria Textil – AITEX Plaza Emilio Sala, 1 - E03801 – Alcoy (Alicante) -		
	Éspaña		
Furnished type	Curtain, upholstery seat		
Reference	2025AU0023-S01		
Description of sampling procedure	No apllied		
Weight (g/mm ²)	465 g/m²		
Thickness (mm)	± 2		
Color and tone (if it includes motif, state the most representative)	All colors		
Flame retardant treatment	No		
Composition	100% polyester trevira CS		
Ligament	Velvet		
Warp density (inch number)	16 ends/cm staple warp, 35 ends/cm filament warp,		
Weft density (inch number)	22 picks/cm staple weft		
Thread number	36/2 Ne (warp), 330 Dtex (warp), 36/2 Ne (weft),		

RESULTS

IMO RESOLUTION MSC.307 (88) ANNEX 1 PART 8 - TEST OF UPHOLSTERED FURNITURE

Reference

2025AU0023-S01

Sample conditioned

72h. in indoor ambient conditions and 16h (for at least) a 23 ± 2 °C y 50 ± 5% HR

Starting test date		Ending test date		
14/01/202	25		20/01/2025	

Ambiental conditions test

22,0 °C / 34,8 %HR

Equipment

Equipment for upholstered furniture

Filling material

Fire retardant polyurethane foam having density of 33-37 Kg/m³

Date test

20/01/2025

Ignition source

Smouldering cigarrete

- a) Dimensions cigarrette (mm)
- b) Diameter cigarrette (mm)
- c) Mass cigarrette (g)
- d) Slow combustion rate (min/50mm)
- e) Charred area (measured from ignition source) (mm)
- f) Material charring
- g) Material melting
- h) Smoldering combustión evidence
- i) Smoulders for more than one hour
- j) Result: P = Pass | F = Fail

Specimen	а	b	С	d	е	f	g	h	i	j
Specimen 1	70	8	0,96	12	5,00	No	Yes	No	No	Р
Specimen 2	70	8	0,95	12	7,00	No	Yes	No	No	Р

Notes

There is a moderate emission of grey smoke.

PASS THE REQUIREMENTS

Sample uncertainty

± 2.5%

Standard deviations

Observations

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are no intended to be the sole criterion for assessing the potential fire hazard of the product in use.

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CIGARETTE TEST CRITERIA

Any test assembly that shows evidence of combustion for more than one hour.

Any test assembly that, on final examination, shows evidence of active smoldering.

Remark

A flaming ignition is considered to be the occurrence of any flames initiated by a smoldering source.

RESULTS

IMO RESOLUTION MSC.307 (88) ANNEX 1 PART 8 - TEST OF UPHOLSTERED FURNITURE

Reference

2025AU0023-S01

Sample conditioned

72h. in indoor ambient conditions and 16h (for at least) a 23 ± 2 °C y 50 ± 5% HR

Starting test date		Ending test date			
14/01/202	25			20/01/2025	

Ambiental conditions test

21,3 °C / 35,1 %HR

Equipment

Equipment for upholstered furniture

Filling material

Fire retardant polyurethane foam having density of 33-37 Kg/m³

Date test

20/01/2025

Ignition source

Propane flame

- a) Smouldering
- b) Flaming
- c) Unsafe escalating combustion
- d) Test assembly consumed
- e) Smoulders or flaming through thickness
- f) Flaming which continues for more than 120 s
- g) Result: P = Pass | F = Fail

Specimen	а	b	С	d	е	f	g
Specimen 1	No	No	No	No	No	No	Р
Specimen 2	No	No	No	No	No	No	Р

Notes:

There is a low emission of grey smoke.

PASS THE REQUIREMENTS

Sample uncertainty

± 2.5%

Standard deviations

Observations

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are no intended to be the sole criterion for assessing the potential fire hazard of the product in use.

FLAME TEST CRITERIA

Any test assembly which flaming continues for more than 120 s after removal of the burner tube. Any test assembly that, on final examination, shows evidence of active smoldering.

Remark

A flaming ignition is considered to be the occurrence of any flames initiated by a smoldering source.

Joan Risueño Head of Fire Behaviour lab.



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