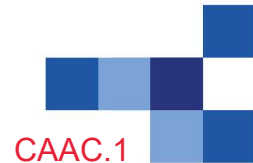


AENOR
Confía



Certificado del Sistema de Gestión de Ecodiseño



ED-0011/2011

AENOR certifica que la organización

LUYANDO SYSTEM, S.L.

dispone de un sistema de gestión de Ecodiseño conforme con la norma UNE-EN ISO 14006:2011

para las actividades: Diseño de sillas de oficina, salas de espera y colectividades.

que se realiza/n en: SAN LORENZO, 9. 01408 - LUYANDO (ARABA / ÁLAVA)

Fecha de primera emisión: 2011-09-13

Fecha de última emisión: 2021-12-07

Fecha de expiración: 2024-12-07



A handwritten signature in blue ink, appearing to read "Rafael García Meiro".

Rafael GARCÍA MEIRO
Director General



RELACIÓN DE PRODUCTOS/PROYECTOS A LOS QUE SE HA APLICADO EL SISTEMA DE GESTIÓN DE ECODISEÑO DE FORMA SATISFACTORIA

Los productos/proyectos a los que se aplica el sistema de gestión ambiental del proceso de diseño y desarrollo conforme a las exigencias de la norma UNE-EN ISO 14006, con certificado n°: ED-0011/2011 para LUYANDO SYSTEM, S.L. son:

Incorporados a 2011-09-13:

DAMA PATIN
ETERNA
INFINITY SOFA

Incorporados a 2012-12-07:

PASSION
ENVOLVE
KIOS-BANCADA
PINKO
KIOS

Incorporados a 2013-11-29:

NORMA
DIVA
SPACE
TECNO
COOL

Incorporados a 2014-12-15:

OPERA
KIND
Q-5
NOW
Q-5 BANCADA
PURELOOP

Incorporados a 2015-11-23:

TECNOROCK
SUITE
SPECIAL

Este documento depende del Certificado con n° ED-0011/2011 y su validez está condicionada a la del certificado que se cita.




Rafael GARCÍA MEIRO
Director General



RELACIÓN DE PRODUCTOS/PROYECTOS A LOS QUE SE HA APLICADO EL SISTEMA DE GESTIÓN DE ECODISEÑO DE FORMA SATISFACTORIA

Incorporados a 2016-12-22:

NEWPASSION
LOGAN
PANDORA

Incorporados a 2017-12-11:

VELA

Incorporados a 2018-07-20:

LOTUS
URBAN
KLC
ABSOLUTE
MANILA
IBIZA
UNIKA

Incorporados a 2019-12-13:

POP

Incorporados a 2020-12-04:

MELANIA
ANDY
KUBE

Incorporados a 2021-12-03:

C3PO

Este documento depende del Certificado con nº ED-0011/2011 y su validez está condicionada a la del certificado que se cita.




Rafael GARCÍA MEIRO
Director General

Certificado de Conformidad con el Decreto Legislativo nº 81, de 09-04-2008
y posteriores anexos complementarios y actualizaciones

Certificado nº 1422 / 2016

Valorados los resultados obtenidos en los ensayos
según las normas:

UNE-EN 1335-1 protocolo nº219442-1/2016
UNE-EN 1335-2 protocolo nº219442-2/2016
UNE-EN 1335-2 protocolo nº219442-3/2016
UNE-EN 1335-3 protocolo nº219422-2/2016
UNE-EN 1335-3 protocolo nº219442-3/2016
UNE-EN 1335-3 protocolo nº219442-4/2016
UNE-EN 1335-3 protocolo nº219442-5/2016
UNE-EN 1335-3 protocolo nº219442-6/2016
UNE-EN 1335-3 protocolo nº219442-7/2016
UNE-EN 1335-3 protocolo nº 219442-8/2016
UNE-EN 1335-3 protocolo nº 219442-9/2016

Constatado que la muestra examinada está dotada de
asiento regulable en altura, de respaldo regulable en
altura y en inclinación, respondiendo al tipo B de la
EN 1335-1

Certificamos que la silla:

**Silla mod. NEW PASSION (CLEVER)
de la empresa
LUYANDO SYSTEM, S.L. – SAN LORENZO, 9-
01408 LUYANDO –ALAVA- SPAIN**



**Cumple con los requisitos mínimos del párrafo 1 punto e) del anexo XXXIV
del Decreto Legislativo nº81 del 09-04-2008**

*Il documento in formato PDF è stato sottoscritto con firma digitale e marca
temporale nel rispetto del codice dell'amministrazione digitale (D.Lgs n° 82 e D.Lgs.
n° 159), della deliberazione CNIPA n°2005 del febbraio 2005 e dell'intesa Adobe-
Cnipa del febbraio 2006.*

Il Direttore
dott. Andrea Giovan



15 Noviembre 2016

La denominación de la muestra se corresponde con la declarada por la empresa solicitante. Este certificado de conformidad concierne únicamente a la muestra probada. Cualquier inserción, modificación o tachadura invalidará el presente certificado.

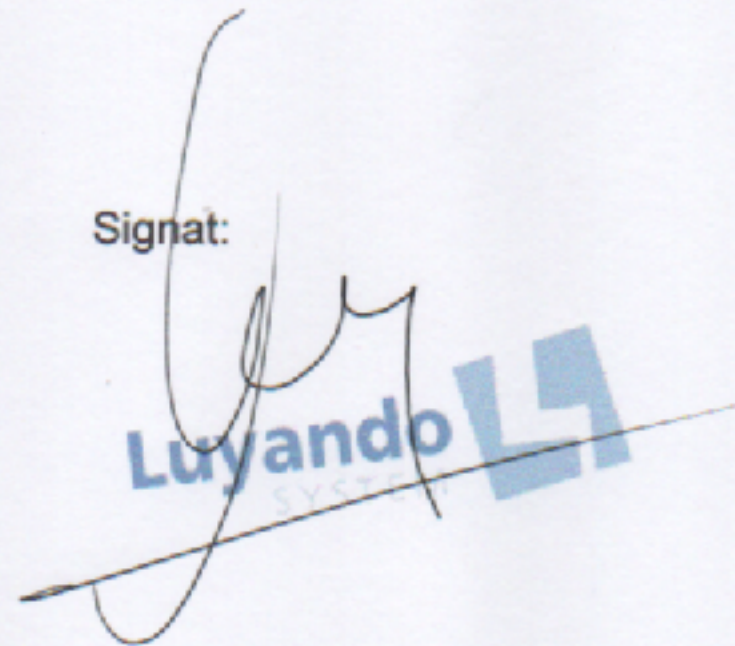

GENERALITAT DE CATALUNYA
Comissió Central de Subministraments

EXPEDIENT: Acord Marc – CCS 2022/6

En Jose Murguiondo Elorza, en qualitat de gerent i en representació de l'empresa LUYANDO SYSTEM S.L. amb C.I.F. B01292531, amb domicili fiscal al carrer San Lorenzo nº 9, bis de Luyando (Àlaba), declara que l' empresa ALRAVASA, S.L., amb C.I.F. A08722506, es distribuïdora oficial dels nostres fabricats i compte amb la nostre autorització i recolzament per a distribuir-los, instal·lar-los i realitzar el servei post venda dels mateixos.

Barcelona, 22 de Juny del 2022

Signat:


Luyando
SYSTEM 

GENERALITAT DE CATALUNYA
Comissió Central de Subministraments

EXPEDIENTE: Acord Marc – CCS 2022/6

DECLARACIÓN DE GARANTÍA DE PRODUCTO

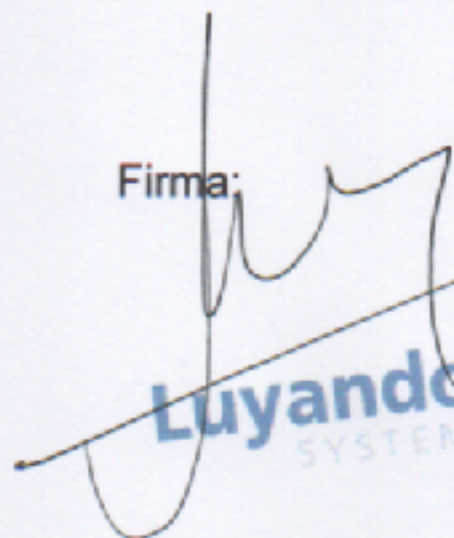

En Jose Murguiondo Elorza, en calidad de gerente y en representación de la empresa LUYANDO SYSTEM S.L. con C.I.F. B01292531, y con domicilio fiscal en la calle San Lorenzo nº 9, bis de Luyando (Álava),

DECLARA:

Que la garantía de nuestra sillería contra todo defecto de fabricación o vicio oculto será de DOS + OCHO AÑOS (10 AÑOS), exceptuando de esta garantía los defectos producidos por trato o uso indebido de los elementos fabricados.

Y para que así conste, se firma el presente documento en Luyando, a veinte de junio del dos mil veintidós.

Firma:

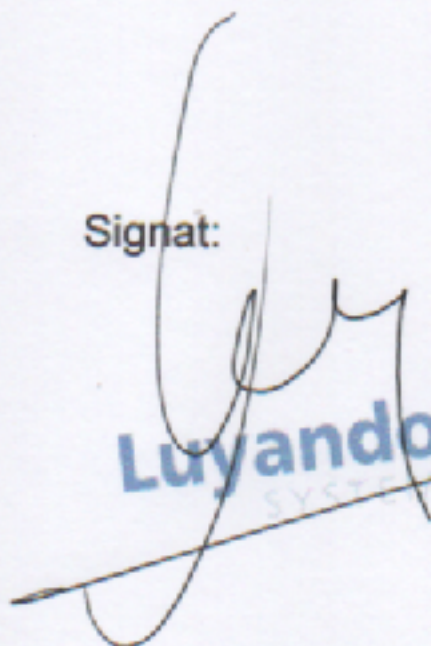

GENERALITAT DE CATALUNYA
Comissió Central de Subministraments

EXPEDIENT: Acord Marc – CCS 2022/6

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Barcelona, 22 de Juny del 2022

Signat:

GENERALITAT DE CATALUNYA
Comissió Central de Subministraments

EXPEDIENTE: Acord Marc – CCS 2022/6

DECLARACIÓN DE GARANTÍA DE PRODUCTO

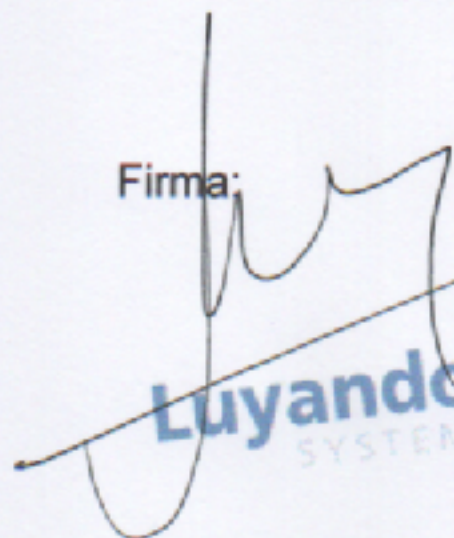

En Jose Murguiondo Elorza, en calidad de gerente y en representación de la empresa LUYANDO SYSTEM S.L. con C.I.F. B01292531, y con domicilio fiscal en la calle San Lorenzo nº 9, bis de Luyando (Álava),

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Y para que así conste, se firma el presente documento en Luyando, a veinte de junio del dos mil veintidós.

Firma:

GENERALITAT DE CATALUNYA
Comissió Central de Subministraments

EXPEDIENTE: Acord Marc – CCS 2022/6

DECLARACIÓN DE COMPONENT DE SILLA: RUEDAS

En Jose Murguiondo Elorza, en calidad de gerente y en representación de la empresa LUYANDO SYSTEM S.L. con C.I.F. B01292531, y con domicilio fiscal en la calle San Lorenzo nº 9, bis de Luyando (Álava),

DECLARA:

Que todas nuestras sillas giratorias disponen de la posibilidad de incorporar los siguientes tipos de ruedas:

- Ruedas con banda de rodadura dura.
- Ruedas con banda de rodadura blanda.
- Ruedas con sistema de auto-frenado con banda de rodadura dura y blanda.
- Ruedas con características disipativas de energía electrostática con banda de Rodadura dura y blanda.

Todas estas versiones están disponibles en dos tamaños de diámetro, 50 mm y 65 mm y disponen de un protector que evita los desgastes en los traslados.

Y para que así conste, se firma el presente documento en Luyando, a veinte de junio del dos mil veintidós.

Firma:




GENERALITAT DE CATALUNYA
Comissió Central de Subministraments

EXPEDIENTE: Acord Marc – CCS 2022/6

**DECLARACIÓN DE TAPICERIA TEXTIL CON EL CERTIFICADO ACREDITATIVO DE
LA RESISTENCIA AL FUEGO**

En Jose Murguiondo Elorza, en calidad de gerente y en representación de la empresa LUYANDO SYSTEM S.L. con C.I.F. B01292531, y con domicilio fiscal en la calle San Lorenzo nº 9, bis de Luyando (Álava),

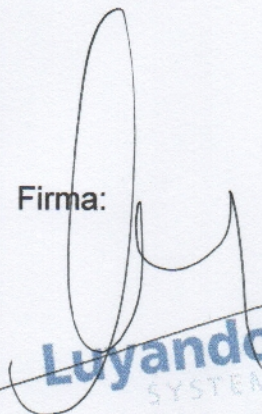

DECLARA:

Que nuestro proveedor GABRIEL A/S, nos suministra tejido modelo GAJA, con grado de resistencia al fuego M-1 y que cumplen con la certificación UNE-EN 1021-1-2.

Se adjunta certificado del cumplimiento de la citada norma.

Y para que así conste, se firma el presente documento en Luyando, a veinte de junio del dos mil veintidós.

Firma:



TESTING • CERTIFICATION • AUDITING

Wira House, West Park Ring Road,
Leeds, LS16 6QL, UK.
Telephone: +44 (0)113 259 1999
Email: info@bttg.co.uk
Website: www.bttg.co.uk

Date: 27 January 2021

Our Ref: 23/58122-9-1
Your Ref: 0011512406

Page: 1 of 6

Client: Gabriel A/S
Hjulmagerve 55
DK-900 Aalborg
DENMARK

Job Title: BS EN 1021 Parts 1 & 2

Client's Order No: 0011512406

Date of Receipt: 04 January 2021

Date of Test Start: 13 January 2021

Description of Sample(s): One sample of fabric identified as follows was received for testing:

Gaja Classic / Grey

Work Requested: We were asked to make the following test:

BS EN 1021-1:2014 and BS EN 1021-2 2014



1066

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TESTING • CERTIFICATION • AUDITING

Gabriel A/S

Sample was identified as follows:

Gaja Classic / Grey

Wira House, West Park Ring Road,
Leeds, LS16 6QL, UK.
Telephone: +44 (0)113 259 1999
Email: info@bttg.co.uk
Website: www.bttg.co.uk

Date: 27 January 2021

Our Ref: 23/58122-9-1
Your Ref: 0011512406

Page: 2 of 6

FIRE TESTS ACCORDING TO BS EN 1021-1:2014

Assessment of the ignitability of upholstered furniture. Part I. Ignition Source 0: Smouldering cigarette

Pre-Treatment

The sample did not have a flame retardant treatment therefore it was not subjected to a water soak pre-treatment

Conditioning

The sample was conditioned for at least 16 hours at a temperature of $23\pm 2^{\circ}\text{C}$ and relative humidity of $50\pm 5\%$.

The sample was tested in a room of volume 25m^3 and 16°C .

Procedure

The test was carried out in accordance with BS EN 1021-1:2014. The sponsor sampled the material and the specimens were cut from the sample received to the dimensions set out in the standard.

The sample was tested over non-fire retardant polyurethane foam with a density of approximately $20\text{-}22\text{ kg/m}^3$.

Tests were made using ignition source 0.

Requirements

The specimens shall not:-

Smouldering Criteria

- display escalating combustion requiring active extinction.
- smoulder or burn until it is essentially consumed within the test duration.
- smoulder or burn to the extremities of the specimen, or through the full thickness, within the duration of the test.
- smoulder for more than one hour.
- on final examination, show evidence of progressive smouldering.



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Date: 27 January 2021

Our Ref: 23/58122-9-1
Your Ref: 0011512406

Page: 3 of 6

Gabriel A/S

Requirements (continued)

Flaming Criteria

- a) show evidence of flaming initiated by a smouldering source.

Results

	Cigarette			Comments
	1	2	3 ¹	
Smouldering Criteria (Yes/No)				
Unsafe escalating combustion	No	No		
Test assembly consumed	No	No		
Smoulders to extremities	No	No		
Smoulders through thickness	No	No		
Smoulders more than 1 hour	No	No		
In final examination, presence of progressive smouldering	No	No		
Ignitability Performance (Yes/No)				
Occurrence of flames	No	No		
Ignition / Non Ignition (I/NI)	NI	NI		

¹ Results for cigarette 3, only if applicable.

Note

The 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.

Comments

An NI designation indicates that the sample meets the performance requirements of BS EN 1021-1.



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Website: www.bttg.co.uk

Date: 27 January 2021

Our Ref: 23/58122-9-1
Your Ref: 0011512406

Page: 4 of 6

Gabriel A/S

FIRE TESTS ACCORDING TO BS EN 1021-2:2014

Assessment of the ignitability of upholstered furniture. Part 2. Ignition Source 1: Match flame equivalent.

Pre-Treatment

The sample did not have a flame retardant treatment therefore it was not subjected to a water soak pre-treatment

Conditioning

The sample was conditioned for at least 16 hours at a temperature of $23\pm 2^{\circ}\text{C}$ and relative humidity of $50\pm 5\%$.

The sample was tested in a room of volume 25m^3 and 16°C .

Procedure

The test was carried out in accordance with BS EN 1021-2:2014. The sponsor sampled the material and the specimens were cut from the sample received to the dimensions set out in the standard.

The sample was tested over non-fire retardant polyurethane foam with a density of approximately $20\text{--}22\text{ kg/m}^3$.

Tests were made using ignition source 1.

Requirements

The specimens shall not:-

Smouldering Criteria

- display escalating combustion requiring active extinction.
- smoulders until it is essentially consumed within the test duration.
- smoulder to the extremities of the specimen, or through the full thickness, within the duration of the test.
- smoulder for more than one hour.
- show evidence of charring, other than discolouration, for more than 100mm in any direction apart from the nearest part of the original position of the source.



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Leeds, LS16 6QL, UK.
Telephone: +44 (0)113 259 1999
Email: info@bttg.co.uk
Website: www.bttg.co.uk

Date: 27 January 2021

Our Ref: 23/58122-9-1
Your Ref: 0011512406

Page: 5 of 6

Gabriel A/S

Requirements (Continued)

Flaming Criteria

- a) display escalating combustion requiring active extinction.
- b) burns until it is essentially consumed within the test duration.
- c) burns to the extremities of the specimen, or through the full thickness, within the duration of the test.
- d) exhibit any flaming for more than 120 seconds after removal of the burner tube.

Results

	Match Flame Equivalent		Comments
	1	2	
Smouldering Criteria (Yes/No)			
Unsafe escalating combustion	No	No	
Test assembly consumed	No	No	
Smoulders to extremities	No	No	
Smoulders through thickness	No	No	
Smoulders more than 1 hour	No	No	
In final examination, presence of progressive smouldering	No	No	
Ignitability Performance (Yes/No)			
Unsafe escalating combustion	No	No	
Test assembly consumed	No	No	
Flames to extremities	No	No	
Flames through thickness	No	No	
Flames longer than 120 seconds	No	No	
Ignition / Non Ignition (I/NI)	NI	NI	

Note

The 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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Website: www.bttg.co.uk

Date: 27 January 2021

Our Ref: 23/58122-9-1
Your Ref: 0011512406

Page: 6 of 6

Gabriel A/S

Comments

An NI designation indicates that the sample meets the performance requirements of BS EN 1021-2.

This report relates only to the samples submitted and as described in the report.

The overall uncertainty budget for both BS EN 1021: Part 1 and 2:2014 is as follows:-

Timings: ± 2 seconds.

Reported by:.....
B Bland
Laboratory Technician

Countersigned By:.....
P Doherty
Manager

Enquiries concerning this report should be addressed to Customer Services.



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TEST REPORT

Client: Gabriel
 Hjulmagervej 55
 Postbox 59
 DK-9100 Aalborg
 Denmark

Entry No: 93329

Date received: 13/12/2017

Client's Description: Sample of fabric: Gaja Antistatic 60002 Grey

Test Required: Flammability

Pre-treatment: None

Conditioning: A minimum of 24 hours at 50+/-5% Relative Humidity, 23+/-2°C

Date Tests Completed: 08/01/2018

Method of Test: BS EN 1021-1:2014 – smouldering cigarette
 BS EN 1021-2:2014 – match flame equivalent

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.

Ignition Source	Observations	Result
Smouldering cigarette	No flaming or progressive smouldering was observed within one hour of placement of the cigarettes.	PASS
Match flame equivalent	No flaming or progressive smouldering was observed after removal of the butane flame.	PASS

Note: A 20-22 kg/m³ non fire retardant polyurethane foam was used as the filling

-----End of Page-----

This is hereby certified to be a correct return of the tests made of the items referred to herein



Dale Brockbank
 Materials Testing Manager
 10 January 2018

- ❖ Unless instructed otherwise by the client sample remnants will be disposed of after 28 days.
 - ❖ Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
 - ❖ Tests marked ^F in this certificate are performed under the Laboratory's Flexible Scope of Accreditation.
 - ❖ Uncertainty budgets for test methods contained within this report are available on request.
- This Certificate relates only to the sample received and, unless that sample has been drawn by the staff of this laboratory, or its agent, and endorsed accordingly, any application of the result to a bulk quantity or other material is entirely the responsibility of the client.



1104



Client: Gabriel

Entry No: 93329

During the tests the following data was recorded: -

	Source 0		Source 1		
Time of Ignition (sec)	No Ignition	No Ignition	8	8	8
Time to extinction of flame after removal of butane flame (sec)	N/A	N/A	0	0	0
Time of Cover Split (sec)	Did Not Split	Did Not Split	Did Not Split	Did Not Split	Did Not Split
Melting (Yes or No)	Yes	Yes	Yes	Yes	Yes
Dripping (Yes or No)	No	No	No	No	No
Charring (Yes or No)	Yes	Yes	Yes	Yes	Yes

-----End of Document-----



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settori legno-arredo, ambiente e alimenti

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C.Soc. € 984.250,00 i.v.

Sede: Via Antica, 24/3
33048 S. Giovanni al Nat. UD
Tel. 0432.747211 r.a.
Fax 0432.747250
http://www.catas.com
lab@catas.com

Filiale:
Via Braille, 5
20851 Lissone MB
Tel. 039.464567
Fax 039.464565
lissone@catas.com

TEST REPORT

208567 / 1

Date received: 05/02/16
Date of test: 16/02/16
Date of issue: 16/02/16

GABRIEL A/S
HJULMAGERVEJ, 55
9100 AALBORG
DK - DENMARK

Sample name: Upholstered furniture covered with art. Gaja Classic

Small flame applied on upholstered furniture UNI 9175:2010

Description of materials as declared by the client

Cover material: fabric art. "Gaja Classic" produced by Gabriel A/S Company, composition 100 % wools of New Zealand, mass per unit area 530 g/lin.m, height 140 cm. The exposed surface of the cover was tested. Filling material (supplied by Laboratory as requested by the client): class 1.IM polyurethane foam, density 25 kg/m³.

End use: upholstered furniture.

Deviations from the standard as requested by the client

None.

Preliminaries

Sampling procedure and cutting direction of the cover material specimens: performed by the client.

Preparation of cover material: UNI 9176:2010 method D.

Conditioning

Cover material: drying procedure for a minimum of 24 hours in a oven with forced air circulation at 40 ± 5 °C following a minimum of 48 hours at 23 ± 2 °C and 50 ± 5 % relative humidity.

Filling material: 72 hours at 80 ± 5 °C and 80 ± 5 % relative humidity following a minimum of 48 hours at 23 ± 2 °C and 50 ± 5 % relative humidity.

Test results

Materials tested	Tests	Test results according to ignition source times								
		20 s	tpc (s)	tpi (s)	80 s	tpc (s)	tpi (s)	140 s	tpc (s)	tpi (s)
Filling material	1st	Pass	0	0						
	2nd	Pass	0	0						
Cover material	1st	Pass	0	0	Pass	0	0	Pass	0	0
Filling material	2nd	Pass	0	0	Pass	0	0	Pass	0	0
	3th	=			=			=		

Notes: /

tpc: post-combustion time.

tpi: post-incandescence time.


The cover material of the composite of the 1st sample has been obtained with the long side parallel to the longitudinal direction.

The cover material of the composite of the 2nd sample has been obtained with the long side parallel to the transversal direction.

Based on test results, the sample examined complies with class 1.IM (ONE I M).

This test report is not issued according to articles 8 and 10 of D.M. 26-06-1984 amended by D.M. 03-09-2001.

This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.


Managing Director
Dr. Andrea Giavon

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise stated, sampling has been carried out by the orderer.

GENERALITAT DE CATALUNYA
Comissió Central de Subministraments

EXPEDIENTE: Acord Marc – CCS 2022/6

**DECLARACIÓN DE CAPACIDAD DE DISIPACIÓN DE LA CARGA
ELECTROSTÁTICA GENERADA**

En Jose Murguiondo Elorza, en calidad de gerente y en representación de la empresa LUYANDO SYSTEM S.L. con C.I.F. B01292531, y con domicilio fiscal en la calle San Lorenzo nº 9, bis de Luyando (Álava),

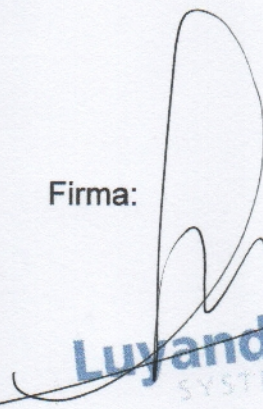

DECLARA:

Que nuestro proveedor GABRIEL A/S, nos suministra tejido modelo GAJA ANTIESTATIC, el cual posee óptimas propiedades para la disipación de las cargas electrostáticas generadas, así como cumple con la certificación UNE-EN 61340-5-1

Se adjunta certificado del cumplimiento de la citada norma.

Y para que así conste, se firma el presente documento en Luyando, a veinte de junio del dos mil veintidós.

Firma:



TEST REPORT

Client: Gabriel
 Hjulmagervej 55
 Postbox 59
 DK-9100 Aalborg
 Denmark

Entry No: 82875

Date received: 13/02/2017

Client's Description: Sample of fabric: Gaja antistatic 2407 c. 60999 black. Article 2407

Test Required: Surface Resistivity^S

Conditioning: The sample was conditioned and tested at 23 +/- 1°C and 25 +/- 5% relative humidity

Date Tests Completed: 06/03/2017

Surface resistivity was measured in accordance with the procedures specified in BS EN 61340-5-1: 2001 Annex A4^S. The electrodes used to measure surface resistivity were as specified in EN 61340-5-1 Annex A.4^S.

Results

	<u>Surface Resistivity (Ω)</u>	
	<u>Face Surface</u>	<u>Reverse Surface</u>
	<2.0 x 10 ⁴	<2.0 x 10 ⁴
	<2.0 x 10 ⁴	<2.0 x 10 ⁴
	<2.0 x 10 ⁴	<2.0 x 10 ⁴
	<2.0 x 10 ⁴	<2.0 x 10 ⁴
	<2.0 x 10 ⁴	<2.0 x 10 ⁴
Mean:	<2.0 x 10⁴	<2.0 x 10⁴

Note

The requirement specified in Table 1 of BS EN 61340-5-1 for seating is that the resistance to groundable point shall not exceed 10¹⁰Ω. The results indicate that the fabric tested should be capable of meeting this requirement if properly incorporated into seating.

Subcontracted test made by a UKAS Accredited Laboratory.

-----End of Document-----

This is hereby certified to be a correct return of the tests made of the items referred to herein



Dale Brockbank
 Materials Testing Manager
 07 March 2017

- ❖ Unless instructed otherwise by the client sample remnants will be disposed of after 28 days.
- ❖ Tests marked ^N in this certificate are not included in the UKAS Accreditation Schedule for this Laboratory.
- ❖ Uncertainty budgets for test methods contained within this report are available on request.

This Certificate relates only to the sample received and, unless that sample has been drawn by the staff of this laboratory, or its agent, and endorsed accordingly, any application of the result to a bulk quantity or other material is entirely the responsibility of the client.

GENERALITAT DE CATALUNYA
Comissió Central de Subministraments

EXPEDIENTE: Acord Marc – CCS 2022/6

**DECLARACIÓN DE CONTENIDO DE FORMALDEHIDO EN MATERIAL DE TELA Y
TEJIDOS**

En Jose Murguiondo Elorza, en calidad de gerente y en representación de la empresa LUYANDO SYSTEM S.L. con C.I.F. B01292531, y con domicilio fiscal en la calle San Lorenzo nº 9, bis de Luyando (Álava),

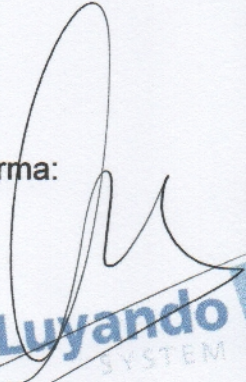

DECLARA:

Que nuestro proveedor GABRIEL A/S, nos suministra tejidos con certificado ECOLABEL, garantizando al consumidor que dichos tejidos son altamente ecológicos, excluyendo sustancias nocivas, entre otras, formaldehidos.

Se adjunta certificado ECOLABEL del proveedor.

Y para que así conste, se firma el presente documento en Luyando, a veinte de junio del dos mil veintidós.

Firma:



EU Ecolabel Certificate

**Ecolabelling Denmark
has awarded the EU Ecolabel licence number
DK/016/020 to Gabriel A/S
for the following Textile Products:**

Foam laminated upholstery fabric Xpress:

100% Polyester

Piece dyed upholstery fabric:

Arlanda: 90/7/3% Wool/Polyamide/Linen

Art.Gaja C2C: 100% Wool

Atlantic: 100% Polyester

Breeze: 92/8% Wool/Polyamide

Contour: 100% Polyester

Dundee: 100% Wool

Piece Europost: 100% Wool

Event Screen: 100% Polyester

Event: 100% Polyester

Fame Antistatic: 93/5/2% Wool/Polyamide/Steel

Fame: 95/5% Wool/Polyamide

Felicity: 100% Post-Consumer Recycled Polyester

Gaja Antistatic: 94/4/2% Wool/Polyamide/Steel

Piece dyed upholstery fabric:

Gaja: 100% Wool

Gaja+: 95/5% Wool/Polyamide

Interglobe Wool: 100% Wool

Leaf: 92/8% Wool/Polyamide

Nobel: 100% Wool

Note: 85/15% Wool/Polyamide

Novo: 100% Wool

Pixel: 100% Wool

Select: 85/15% Wool/Polyamide

Spin: 100% Trevira CS

Runner: 80% polyester / 20% post-consumer recycled polyester

Harlequin: 77% polyester/23% post-consumer recycled polyester

Upholstery fabric:

Go Couture: 100% Trevira CS

Go Check: 100% Trevira CS

Go Uni: 100% Trevira CS

Step Melange: 100% Trevira CS

Step: 100% Trevira CS

Twist Melange: 100% Trevira CS

Twist: 100% Trevira CS

Yarn and piece dyed upholstery fabric:

Bond: 98/2% Post-consumer recycled polyester/Polyester

Cura: 100% Post-Consumer Recycled Polyester

Just: 98/2% Post-consumer recycled polyester/Polyester

Mica: 97/3% Post-consumer recycled polyester/Polyester

Rondo: 99%/1% Post-consumer recycled polyester/Polyester

Swing: 54/44/2% Wool/Post-Consumer Recycled Polyester/Polyamide

Tonal: 99/1% Post-consumer recycled polyester/Polyester

Connect: 48% Wool, 41% rec pes, 9% pa, 2% pes

Logic: 48% Wool, 41% rec pes, 9% pa, 2% pes

Focus Melange: 100% wool

Christianshavn: 85/15% Wool of New Zealand/Polyamid

Yarn dyed upholstery fabric:

Blake: 96/4% Wool/Polyamide

Boss: 90/10% Wool/Polyamide

Breeze Fusion: 88/12% Wool/Polyamide

Byron: 95/5% Wool/Polyamide

Capture: 85/15% Wool/Polyamide

Crisp: 93/7% Wool/Polyamide

Crisscross: 89/11% Wool/Polyamide

Elevation: 100% Post-Consumer Recycled Polyester

Fame Hybrid: 95/5% Wool/Polyamide

Harmony: 85/15% Wool/Polyamide

Luna Fleur: 90/10% Wool/Polyamide

Luna: 90/10% Wool/Polyamide

Mood: 92/8% Wool/Polyamide

Morph: 85/15% New Zealand wool /Polyamide

Move: 95/5% Wool/Polyamide

Repetto: 100% Post-Consumer Recycled Polyester

Passion: 91%/9% Wool/Polyamid

This contract is valid until the 31th of December 2025.

Ecolabelling Denmark

January 19 2021

Martin Fabiansen

Director



Ecolabelling
Denmark



environment

Gabriel A/S

Appendix 3 version 33

Appendix to licence no. DK/016/020

Product Specification

- Foam laminated upholstery fabric Xpress: 100% Polyester
- Non-woven acoustic absorber - Gabriel Core FBS
- Piece dyed upholstery fabric Arlanda: 90/7/3% Wool/Polyamide/Linen
- Piece dyed upholstery fabric Atlantic: 100% Polyester
- Piece dyed upholstery fabric Breeze: 92/8% Wool/Polyamide
- Piece dyed upholstery fabric Contour: 100% Polyester
- Piece dyed upholstery fabric Dundee: 100% Wool
- Piece dyed upholstery fabric Europost: 100% Wool
- Piece dyed upholstery fabric Event Screen: 100% Polyester
- Piece dyed upholstery fabric Event: 100% Polyester
- Piece dyed upholstery fabric Fame Antistatic: 93/5/2% Wool/Polyamide/Steel
- Piece dyed upholstery fabric Fame: 95/5% Wool/Polyamide
- Piece dyed upholstery fabric Felicity: 100% Post-Consumer Recycled Polyester
- Piece dyed upholstery fabric Gaja Antistatic: 94/4/2% Wool/Polyamide/Steel
- Piece dyed upholstery fabric Gaja C2C: 100% Wool
- Piece dyed upholstery fabric Gaja: 100% Wool
- Piece dyed upholstery fabric Gaja+: 95/5% Wool/Polyamide
- Piece dyed upholstery fabric Go Check: 100%b Trevira CS
- Piece dyed upholstery fabric Go Couture: 100% Trevira CS
- Piece dyed upholstery fabric Go Uni: 100% Trevira CS
- Piece dyed upholstery fabric Harlequin: 77% polyester/23% post-consumer recycled polyester
- Piece dyed upholstery fabric Interglobe Wool: 100% Wool
- Piece dyed upholstery fabric Leaf: 92/8% Wool/Polyamide
- Piece dyed upholstery fabric Nobel: 100% Wool
- Piece dyed upholstery fabric Note: 85/15% Wool/Polyamide
- Piece dyed upholstery fabric Novo: 100% Wool
- Piece dyed upholstery fabric Pixel: 100% Wool
- Piece dyed upholstery fabric Runner: 100% Polyester
- Piece dyed upholstery fabric Select: 85/15% Wool/Polyamide
- Piece dyed upholstery fabric Spin: 100% Trevira CS
- Piece dyed upholstery fabric Step Melange: 100% Trevira CS
- Piece dyed upholstery fabric Step: 100% Trevira CS
- Piece dyed upholstery fabric Twist Melange: 100% Trevira CS
- Piece dyed upholstery fabric Twist: 100% Trevira CS
- Piece dyed upholstery fabric: Focus 100% New Zealand Wool
- Piece dyed upholstery velvet fabric Savoy: 100% Trevira CS
- Yam dyed upholstery fabric Christianshavn: 85/15% Wool of New Zealand/Polyamid
- Yarn and piece dyed upholstery fabric Bond: 98/2% Post-consumer recycled polyester/Polyester
- Yarn and piece dyed upholstery fabric Cura Screen: 98% post-consumer recycled polyester / 2% polyester

- Yarn and piece dyed upholstery fabric Cura: 100% Post-Consumer Recycled Polyester
- Yarn and piece dyed upholstery fabric Just: 98/2% Post-consumer recycled polyester/Polyester
- Yarn and piece dyed upholstery fabric Mica: 97/3% Post-consumer recycled polyester/Polyester
- Yarn and piece dyed upholstery fabric Rondo: 99%/1% Post-consumer recycled polyester/Polyester
- Yarn and piece dyed upholstery fabric Swing: 54/44/2% Wool/Post Consumer Recycled Polyester/Polyamide
- Yarn and piece dyed upholstery fabric Tonal: 99/1% Post-consumer recycled polyester/Polyester
- Yarn and piece dyed upholstery fabric: Step Melange Circular: 75% post-consumer recycled polyester / 25% Polyester
- Yarn and piecedyed upholstery fabric Focus Melange Screen 100% Wool
- Yarn and piecedyed upholstery fabric Tale
- Yarn dyed and piece dyed upholstery fabric art Focus Melange: 100% wool
- Yarn dyed upholstery fabric Blake: 96/4% Wool/Polyamide
- Yarn dyed upholstery fabric Blend: 100% post-consumer recycled polyester
- Yarn dyed upholstery fabric Boss: 90/10% Wool/Polyamide
- Yarn dyed upholstery fabric Breeze Fusion: 88/12% Wool/Polyamide
- Yarn dyed upholstery fabric Byron: 95/5% Wool/Polyamide
- Yarn dyed upholstery fabric Capture: 85/15% Wool/Polyamide
- Yarn dyed upholstery fabric Crisp: 93/7% Wool/Polyamide
- Yarn dyed upholstery fabric Crisscross: 89/11% Wool/Polyamide
- Yarn dyed upholstery fabric Cyber: 100% post-consumer recycled polyester
- Yarn dyed upholstery fabric Elevation: 100% Post Consumer Recycled Polyester
- Yarn dyed upholstery fabric Fame Hybrid: 95/5% Wool/Polyamide
- Yarn dyed upholstery fabric Harmony: 85/15% Wool/Polyamide
- Yarn dyed upholstery fabric Luna Fleur: 90/10% Wool/Polyamide
- Yarn dyed upholstery fabric Luna: 90/10% Wool/Polyamide
- Yarn dyed upholstery fabric Mood: 92/8% Wool/Polyamide
- Yarn dyed upholstery fabric Morph: 85/15% New Zealand wool /Polyamide
- Yarn dyed upholstery fabric Move: 95/5% Wool/Polyamide
- Yarn dyed upholstery fabric Passion: 91%/9% Wool/Polyamid
- Yarn dyed upholstery fabric Repetto: 100% Post Consumer Recycled Polyester
- Yarn dyed and piecedyed upholstery fabric art. Connect: 48% Wool, 41% rec pes, 9% pa, 2% pes
- Yarn dyed and piecedyed upholstery fabric art. Logic: 48%Wool, 41% rec pes, 9% pa, 2% pes

Issued in Nordhavn, Denmark

Date 7th of March 2022
by Ecolabelling Denmark
(Competent body)

Designated person:



(Legally binding signature)

Miljømærkning Danmark
Fonden Dansk Standard
Göteborg Plads 1 · DK-2150 Nordhavn
Tlf. 72 300 450 · Fax 72 300 451

Ecolabelling Denmark's stamp

GENERALITAT DE CATALUNYA
Comissió Central de Subministraments

EXPEDIENTE: Acord Marc – CCS 2022/6

DECLARACIÓN PORCENTAJE DE RECICLABILIDAD EN TEJIDOS EMPLEADOS

En Jose Murguiondo Elorza, en calidad de gerente y en representación de la empresa LUYANDO SYSTEM S.L. con C.I.F. B01292531, y con domicilio fiscal en la calle San Lorenzo nº 9, bis de Luyando (Álava),

DECLARA:


Que nuestro proveedor GABRIEL A/S, nos suministra tejidos con más de un 25% de materiales reciclados.

Se adjuntan los siguientes certificados medio ambientales con los que cuenta el fabricante:

- Certificación Silver Cradle to Cradle.
- Certificación Oeko Tex.
- Certificación Carbon Neutral.

Y para que así conste, se firma el presente documento en Luyando, a veinte de junio del dos mil veintidós.

Firma:






Certification Number
4454

Standard Version
3.1

Lead Assessment Body
MBDC

Material Health
Assessment Body
MBDC

Effective Date
10 July 2020

Expiration Date
21 June 2022

Gabriel A/S

has successfully achieved Cradle to Cradle Certified® Silver
for the product(s) under the name:

Gaja Fabrics

Gaja 60000 Gaja 60003, Gaja 60999, Gaja 64004, Gaja 64010, Gaja 64015, Gaja 66005, Gaja 66006, Gaja 67009, Gaja 66071, Gaja 66061, Gaja 64089, Gaja 60051, Gaja 67016, Gaja 64045, Gaja 60067, Gaja 60001, Gaja 68094, Gaja 68092, Gaja 68090, Gaja 67042, Gaja 67040, Gaja 66105, Gaja 66099, Gaja 65075, Gaja 64155, Gaja 64152, Gaja 63066, Gaja 63065, Gaja 62040, Gaja 62039, Gaja 62037, Gaja 61115, Gaja 61114, Gaja 67041, Gaja 68091, Gaja 61112, Gaja 62041, Gaja 64154, Gaja 68093, Gaja 61113, Gaja 61111, Gaja 65074, Gaja 61110, Gaja 67005, Gaja 65005, Gaja 60998, Gaja 62010, Gaja 64094, Gaja 66004, Gaja 68002

A handwritten signature in black ink that reads 'Christina Raab'.

President & CEO
Cradle to Cradle Products Innovation Institute

CAAC.3

CERTIFICATE

The company

Gabriel A/S
Hjulgagervej 55
9000 Aalborg, DENMARK

is granted authorisation according to STANDARD 100 by OEKO-TEX® to use the STANDARD 100 by OEKO-TEX® mark, based on our test report **136-44**



for the following articles:

Woven and knitted fabrics of 100% polyester. Woven: Bond, Cura, Cura Screen, Event, Event Screen+, Step, Step Melange, Step Melange Circular, Twist, Twist Melange, Go Check, Go Uni, Go Couture, Web, Vivid, Repetto, Elevation, Felicity, Mica, Time Laminate, Just, Tonal, Spin, Rondo, Contour, Grain, Chili, Noma, Cyber, Blend & Tale. Knitted: Atlantic, Flex, Sync, Sync EU, Athlon & Athlon Plus. Upholstery fabrics Step, Step Melange, Twist, Twist Melange, Go Check, Go Uni, Go Couture, Spin, Sync EU & Athlon Plus are made of yarns with flame retardant properties accepted by OEKO-TEX®

The results of the inspection made according to STANDARD 100 by OEKO-TEX®, Annex 4, **product class II** have shown that the above mentioned goods meet the human-ecological requirements of the STANDARD 100 by OEKO-TEX® presently established in Annex 4 for products with direct contact to skin.

The certified articles fulfil requirements of Annex XVII of REACH (incl. the use of azo colourants, nickel release, etc.), the American requirement regarding total content of lead in children's articles (CPSIA; with the exception of accessories made from glass) and of the Chinese standard GB 18401:2010 (labelling requirements were not verified).

The holder of the certificate, who has issued a conformity declaration according to ISO 17050-1, is under an obligation to use the STANDARD 100 by OEKO-TEX® mark only in conjunction with products that conform with the sample initially tested. The conformity is verified by audits.

The certificate 876-13601 is valid until 31.08.2022

Taastrup, 01.03.2022

A blue ink signature of Anette Werner is written over a horizontal line. Below the signature, the name 'Anette Werner' and the title 'Senior Consultant Textiles' are printed.

Anette Werner
Senior Consultant Textiles



CERTIFICATE

The company

Gabriel A/S
Hjulgagervej 55
DK-9000 Aalborg, Danmark

is granted authorisation according to STANDARD 100 by OEKO-TEX® to use the STANDARD 100 by OEKO-TEX® mark, based on our test report **124-39**



for the following articles:

Knitted, woven and non-woven upholstery, screen fabrics and acoustic material of 100% polyester, 100% polyester Trevira CS (FR accepted by OEKO-TEX) and polyester blends with other fibers in a variety of colours. Knitted: Rhythm, Nemo, Runner, Atlantic Screen, Omega, Harlequin, String, Dragon, Thrill and 3D Microknit. Woven: Fighter, Infinity, Infinity Fleur, Tempt, Grace, Medley, Savoy, Evoke, Bailey and Xpress PU-foam laminated (thickness 1-5 mm). Non-woven felted fabric: Hush and Stay. Non-woven acoustic absorber: Gabriel Core FBS (white only and thickness 4-50 mm).

The results of the inspection made according to STANDARD 100 by OEKO-TEX®, Annex 4, **product class II** have shown that the above mentioned goods meet the human-ecological requirements of the STANDARD 100 by OEKO-TEX® presently established in Annex 4 for products with direct contact to skin.

The certified articles fulfil requirements of Annex XVII of REACH (incl. the use of azo colourants, nickel release, etc.), the American requirement regarding total content of lead in children's articles (CPSIA; with the exception of accessories made from glass) and of the Chinese standard GB 18401:2010 (labelling requirements were not verified).

The holder of the certificate, who has issued a conformity declaration according to ISO 17050-1, is under an obligation to use the STANDARD 100 by OEKO-TEX® mark only in conjunction with products that conform with the sample initially tested. The conformity is verified by audits.

The certificate 776-12401 is valid until 31.10.2022

Taastrup, 26.10.2021

A blue ink signature of Anette Werner.

Anette Werner
Senior Consultant Textiles





Gabriel A/S

Has offset

3 598 tons CO₂eq

for

2020/2021

From

Wind Power

Supported Project

**Gold Standard Wind Project in
Anantapur, Andhra Pradesh**

Project verified by:



INFORME DE ENSAYO / TEST REPORT

Nº **2015AN0714**

FECHA RECEPCIÓN
DATE OF RECEPTION

01/04/2015

SOLICITANTE / APPLICANT

EXIT SOLUTIONS, S.L.
Colom 418 nave-D Pol. Ind Sta. Margarida II
ES-08223 TERRASSA
BARCELONA

Att. JOSEP M^a PIQUÉ

FECHA ENSAYOS
DATE TEST

Inicio / Starting: 07/04/2015
Finalización / Ending: 09/04/2015

Este informe tiene una validez de 5 años.
This report has a validity of 5 years.

DESCRIPCIÓN
E IDENTIFICACIÓN
DE LAS MUESTRAS

MUESTRAS REFERENCIADAS / SAMPLES REFERENCED:

-“MALLA”.

DESCRIPTION AND
IDENTIFICATION OF
SAMPLES

ENSAYOS
REALIZADOS
TESTS CARRIED OUT

- EVALUACION DE LA INFLAMABILIDAD DEL MOBILIARIO TAPIZADO / EVALUATION OF
THE IGNITABILITY OF UPHOLSTERED FURNITURE

ENAC es firmante del Acuerdo Multilateral (MLA), (Acuerdo de Reconocimiento Mutuo MRA) de la European Cooperation for Accreditation (EA) y de la International Laboratory Accreditation Cooperation (ILAC), en materia de ensayos. / ENAC is a signatory to the Multilateral Agreement (MLA), (MRA Mutual Recognition Agreement) of the European Cooperation for Accreditation (EA) and the International Laboratory Accreditation Cooperation (ILAC), in testing.

SE ADJUNTAN
ATTACHED

1

MUESTRA(S)
SAMPLE(S)

LACRADA(S)
SEALED

PÁG.
PAGE

1

DE
OF

8



RESULTADOS / RESULTS

EVALUACION DE LA INFLAMABILIDAD DEL MOBILIARIO TAPIZADO EVALUATION OF THE IGNITABILITY OF UPHOLSTERED FURNITURE

DESCRIPCIÓN DE MUESTRA DESCRIPTION OF SAMPLE

Descripción de muestra y aplicación uso final

Sample description and end use application

Tejido tipo malla color blanco. Referencia: "MALLA", según cliente.
White fabric having netting. Reference: "MALLA", according to client.

Objeto y campo de aplicación 1021

Object and scope 1021

Esta norma europea describe un método de ensayo para evaluar la inflamabilidad de diferentes combinaciones de materiales, tales como los revestimientos y los rellenos utilizados en asientos tapizados, cuando la fuente de ignición a la que se somete es un cigarrillo en combustión o una llama pequeña. Se determina la inflamabilidad de una combinación de materiales utilizados en los asientos tapizados, y no la inflamabilidad de un mueble acabado en particular, que incorpore estos materiales. Los ensayos dan una indicación, pero no pueden garantizar el comportamiento frente a la ignición del mueble acabado.

This European Standard specifies a test method to assess the ignitability of material combinations, such as covers and fillings used in upholstered seating, when subjected to a smouldering cigarette and a gas flame equivalent to a match flame as an ignition source.

The tests measures only the ignitability of a combination of materials used in upholstered seating and not the ignitability of a particular finished item of furniture incorporating these materials. They give an indication of, but cannot guarantee, the ignition behaviour of the finished item of furniture.

>>>



RESULTADOS / RESULTS

Norma

Standard

UNE-EN 1021-1:2006 equivalente a EN 1021-1:2006
UNE-EN 1021-1:2006 equivalent to EN 1021-1:2006

Incertidumbre de la muestra

Sample uncertainty

± 0,554 s; ± 2,393 mm

Desviaciones de la norma

Standard deviations

Pretratamiento

Pre-treatment

Aclarado acuoso según anexo D de la norma UNE-EN 1021-2:2006.
Water soaking in accordance to annex D of the standard UNE-EN 1021-2:2006.

Acondicionamiento

Standard conditioned

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

Condiciones ambientales de ensayo

Ambiental condition test

21.3 °C y 40.5 %HR

Velocidad del aire

Speed air

0,08 m/s

Sustrato

Substratum

Espuma de poliuretano de combustión modificada de densidad comprendida entre 33-37 Kg/m³
Fire retardant polyurethane foam having density of 33-37 Kg/m³

Observaciones

Observations

Los resultados del ensayo indicados, evalúan únicamente la inflamabilidad de una combinación de materiales bajo unas condiciones particulares de ensayo; no tienen como fin evaluar el potencial total de riesgo de incendio de los materiales utilizados.

The test result relate to the behaviour 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.

----->>>



RESULTADOS / RESULTS

Fuente de ignición

Ignition source

Cigarrillo en combustión

Smouldering cigarette

- a) Combustión acelerada peligrosa
Smouldering escalating unsafe
- b) Conjunto de ensayo consumido
Test assembly consumed
- c) Combustión hasta los extremos de la probeta
Smoulders specimen extremities
- d) Combustión a través de todo el espesor
Smoulders through thickness
- e) Combustión durante mas de 1 hora
Smoldering more than an hour
- f) Evidencia de combustión activa en el examen final
Shows evidence of active smouldering
- g) Resultado: P = Pasa | F = Falla
Result: P = Pass | F = Fail.

Referencia

Trade name

MALLA

Probeta <i>Specimen</i>	a	b	c	d	e	f	g
Probeta 1 <i>Specimen 1</i>	no	no	no	no	no	no	P
Probeta 2 <i>Specimen 2</i>	no	no	no	no	no	no	P

Observaciones

Notes

Durante el ensayo se observa moderada emisión de humos blancos.
A moderate emission of white smoke was observed during the test.

EL MATERIAL PASA FAVORABLEMENTE EL ENSAYO
MATERIAL PASS THE REQUIREMENTS OF THE TEST

—————>>>



RESULTADOS / RESULTS

Norma

Standard

UNE-EN 1021-2:2006 equivalente a EN 1021-2:2006

UNE-EN 1021-2:2006 according to EN 1021-2:2006

Incertidumbre de la muestra

Sample uncertainty

$\pm 0,561$ s; $\pm 2,393$ mm

Desviaciones de la norma

Standard deviations

Pretratamiento

Pre-treatment

Aclarado acuoso según anexo D de la norma UNE-EN 1021-2:2006.

Water soaking in accordance to annex D of the standard UNE-EN 1021-2:2006.

Acondicionamiento

Standard conditioned

24 h (mínimo) / (23 ± 2) °C y (50 ± 5) %HR

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

Condiciones ambientales de ensayo

Ambiental condition test

21.3 °C y 40.5 %HR

Velocidad del aire

Speed air

0,08 m/s

Sustrato

Substratum

Espuma de poliuretano de combustión modificada de densidad comprendida entre 33-37 Kg/m³

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

Observaciones

Observations

Los resultados del ensayo indicados, evalúan únicamente la inflamabilidad de una combinación de materiales bajo unas condiciones particulares de ensayo; no tienen como fin evaluar el potencial total de riesgo de incendio de los materiales utilizados.

The test result relate to the behaviour 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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RESULTADOS / RESULTS

Fuente de ignición

Ignition source

Llama de butano equivalente a una cerilla

Butane flames equivalent to match flame

- a) Combustión acelerada peligrosa
Combustion escalating unsafe
- b) Conjunto de ensayo consumido
Test assembly consumed
- c) Llamas hasta los extremos de la probeta
Flaming specimen extremities
- d) Llamas a través del espesor
Flaming through thickness
- e) Llamas durante más de 120 s
Flaming more than 120 s
- f) Resultado: P = Pasa | F = Falla
Result: P = Pass | F = Fail.

Referencia

Trade name:

MALLA

Probeta <i>Specimen</i>	a	b	c	d	e	f
Probeta 1 <i>Specimen 1</i>	no	no	no	no	no	P
Probeta 2 <i>Specimen 2</i>	no	no	no	no	no	P
Probeta 3 <i>Specimen 3</i>	no	no	no	no	no	P

Observaciones

Notes:

Durante el ensayo se observa moderada emisión de humos blancos.

A moderate emission of white smoke was observed during the test.

EL MATERIAL PASA FAVORABLEMENTE EL ENSAYO

MATERIAL PASS THE REQUIREMENTS OF THE TEST

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RESULTADOS / RESULTS

CRITERIOS DE IGNICIÓN POR COMBUSTIÓN PROGRESIVA CRITERIA OF IGNITION PROGRESSIVE SMOULDERING IGNITION
<p>a) Todo conjunto cuyo comportamiento durante la combustión va empeorando, de forma que se hace peligroso continuar el ensayo y es necesario recurrir a una extinción activa. <i>Any test assembly that displays escalating combustion behaviour so that it is unsafe to continue the test and active extinction is necessary.</i></p>
<p>b) Todo conjunto de ensayo que se consume en su práctica totalidad en el transcurso del ensayo. <i>Any test assembly that smoulders until it is largely consumed within the test duration.</i></p>
<p>c) Todo conjunto de ensayo que se quema hasta los límites de la probeta, es decir, hasta los bordes superiores, inferiores o laterales, o a través de todo su espesor, durante el tiempo de realización del ensayo. <i>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.</i></p>
<p>d) Todo conjunto de ensayo que se quema durante más de 1 hora desde el inicio del ensayo. <i>Any test assembly that smoulders for more than one hour.</i></p>
<p>e) Todo conjunto de ensayo que, después del examen final, muestra evidencias de combustión activa. <i>Any test assembly that, on final examination, shows evidence of active smouldering.</i></p>

CRITERIOS DE IGNICIÓN POR INFLAMACIÓN CRITERIA OF IGNITION FLAMING IGNITION
<p>a) Todo conjunto cuyo comportamiento durante la combustión va empeorando, de forma que se hace peligroso continuar el ensayo y es necesario recurrir a una extinción activa. <i>Any test assembly that displays escalating combustion behaviour so that it is unsafe to continue the test and active extinction is necessary.</i></p>
<p>b) Todo conjunto de ensayo que se consume en su práctica totalidad en el transcurso del ensayo. <i>Any test assembly that smoulders until it is largely consumed within the test duration.</i></p>
<p>c) Todo conjunto de ensayo que se quema hasta los límites de la probeta, es decir, hasta los bordes superiores, inferiores o laterales, o a través de todo su espesor, durante el tiempo de realización del ensayo. <i>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.</i></p>
<p>d) Cualquier inflamación que persiste más de 120 s después de retirar el tubo del quemador. <i>Any flaming which continues for more than 120 s after removal of the burner tube.</i></p>

Nota
Remark

Se considera que tiene lugar una ignición por inflamación, cuando se produce la aparición de cualquiera llama iniciada por una fuente de combustión.
A flaming ignition is considered to be the occurrence of any flames initiated by a smouldering source.



Jordi Ferri
Responsable Departamento
Comportamiento al Fuego
Head of Fire Behaviour department



Digitally signed by JORGE FERRI
PASCUAL - NIF:48294121D
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- 11.- Los resultados de los ensayos y la declaración de cumplimiento con la especificación en este informe se refieren solamente a la muestra de ensayo tal como ha sido analizada/ensayada y no a la muestra/ítem del cual se ha sacado la muestra de ensayo.
- 12.- Los laboratorios de AITEX se encuentran en Alcoy.

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- 2.- AITEX shall not be liable in any case of misuse of the test materials nor for undue interpretation or use of this document
- 3.- The original test report is kept in AITEX. An electronic copy of it is delivered to the costumer which keeps the value from the original one as far as the security properties of the document are not violated. A hard copy of this report with the AITEX logotype sealed in all the pages, keeps the original value.
- 4.- The results are considered to be the property of the applicant, and AITEX will not communicate them to third parties without prior permission. After one month, AITEX may use the results for statistical or scientific purposes.
- 5.- None of the indications made in this report may be considered as being a guarantee for the trade marks mentioned herein.
- 6.- In the eventuality of discrepancies between reports, a check to settle the same will be carried out in the head offices of AITEX. Also, the applicants undertake to notify AITEX of any complaint received by them as a result of the report, exempting this Centre from all liability if such is not done, the periods of conservation of the samples being taken into account.
- 7.- AITEX may include in its reports, analyses, results, etc., any other evaluation which it considers necessary, even when it has not been specifically requested.
- 8.- If not are included, the estimated uncertainties in the tests accredited by ENAC are at the client's disposal in AITEX.
- 9.- The original materials and rests of samples, not subject to test, will be retained in AITEX during the twelve months following the issuance of the report, so that any check or claim which, in his case, wanted to make the applicant, should be exercised within the period indicated.
- 10.- This report may only be sent or delivered by hand to the applicant or to a person duly authorised by the same.
- 11.- The results of the tests and the statement of compliance with the specification in this report refer only to the test sample as it has been analyzed / tested and not the sample / item which has taken the test sample.
- 12.- AITEX laboratories are placed in Alcoy.