
PURE VELVET
Perfect For: Stage • Decorative/Scenic • Film & TV
J&C Joel
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Contents

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Composition and Care

140 cm 3

Fire Certificates

M1 4
BS5867 Part 2 Type B 5
EN13773 9
IMO 11
NFPA 701 16
EN13501-1

TECHNICAL

NDFR
Non Durably Flame Retardant
chemically treated with a water solution and if wetted in any way should be retreated

DFR
Durably Flame Retardant
chemically treated to withstand a number of cleanings

IFR
Inherently Flame Retardant
woven from fibres with a high flame retardancy

FR
Flame Retardant
chemically treated to an individual specification

NOT FR
Not Flame Retardant no flame retardant treatment

Confirmation that the fabric meets one or more flame retardant standards

BS5867 BS5867 Pt2 B is the British Standard for flame retardant fabrics used for curtains and drapes

BS5852 BS5852 Pt1 is the British Standard for flammability of upholstered composites for seating

BS4790 BS4790: 1987 Determination of the effects of a small source of ignition on textile floor coverings hot metal nut method (method 1, loose laid)

EN13773: 2003 Meets European fire safety standards for vertically hung fabrics. Burning behavior, ignitability testing of curtain fabric for use in the contract market.

TL 1080-0002/8 German Military Specification for horizontally tested materials

EN14041 Details the requirement for CE Marking of textiles, laminate and resilient floor coverings

BS7905-1:2001 Lifting equipment for performance, broadcast and similar applications.

ATTRIBUTES

Approx roll length of material in linear metres (m) & feet (ft)

Approx width of material in centimetres (cm) & inches (")

Approx weight in grams per metre squared (g/m^2)

Approx thickness in (mm)

M1, M2, M4 Conforms to French Fire Regulations

B1, B2 Conforms to German Fire Regulations DIN 4102

IMO Conforms to International Maritime Organisation regulations

Classe Uno Meets Italian Fire Regulations

BS EN13501-1 Fire Classification of construction, products and building elements. Classification using test data from reaction to fire tests

CFC EN ISO 9239-1 Reaction to fire test. Horizontal surface spread of flame on floor covering system. Determination of the burning behaviour using a retardant heat source

NFPA 701 NFPA 701: (USA) Standard Methods of Fire Tests for Flame Propagation of Textiles and Films

EN9239-1 Reaction to fire tests – horizontal surface spread of flame on floor covering systems

DIN EN1021 Meets European fire safety standards for exposure to different ignition sources, namely a lit cigarette and butane flame. Assessment of the ignitability of upholstered furniture

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Datasheet - Fabrics and Flooring

Pure

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To ensure you get the best from the product supplied to you, we advise you follow the care instructions within this datasheet.

Fabric	**Flame Retardancy**	IFR
	Fire Certification	BS5867, B1, EN13773, M1, IMO, NFPA 701, EN13501-1
	Brand Name (and Manufacturer)	J&C Joel Ltd.
	Material (Blending Ratio)	100% Polyester
	Construction of Fabric	N/A
Chemicals	**Surface Treatments**	N/A
	Brand Name of Flame Retardant Chemicals	N/A
	Chemical name of Flame Retardant Chemicals	N/A
	Process of Flame Retardant Chemicals	N/A
Care	**Information**	Inherently Flame Retardant to BS5867 Part 2 Type B, IMO, M1, B1, NFPA 701, EN13773 and EN13501-1. This means the man-made fibres are flame retardant for life and if wet, would not need to be re-flameproofed. Therefore, the cloth will withstand wet cleaning but we would advise and suggest professional dry cleaning only, using the correct chemical process. Notwithstanding the aforementioned, it would be our advice to only dry clean this material periodically. We would suggest that the curtain be soft-brushed on a regular basis and periodically cleaned using a vacuum and drapery attachment. Commerical flame retardents may alter the aesthetics, appearance, colour or performance of the textile material. This fabric is not pre-shrunk.
	Laundering Treatment	 Dry Clean Only · Do Not Wash · Do Not Bleach · Do Not Iron · Do Not Tumble Dry
Notes		

All details are accurate at the time of print but are subject to change.



Fire Rating:
IFR



Approx Roll Length:
40m / 131ft



Width:
140cm / 55”



Weight:
420 g/m^2



Fire Certification:
BS5867, B1, EN13501-1, M1, NFPA 701, EN13773



Colour Available:
1



Fabric Thickness:
2.00mm

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Fire Test Certificate - Specimen

Fabric: Pure Velvet
Type: M1

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Institut Français du Textile et de l'Habillement

This document is the translation of the French certificate n° 22-01452 L delivered by IFTH on the June 3th 2022

MATERIAL REACTION TO FIRE CLASSIFICATION REPORT
PREPARED IN COMPLIANCE WITH AMENDED 5 OF THE FRENCH HOME OFFICE REGULATION
REGULATION DATED NOVEMBER 21ST, 2002 (OFFICIAL GAZETTE DATED DECEMBER 31, 2002)

Valid five years from issue date

CERTIFICATE N° 22-01452 L

And 1 Appendix of 6 pages

TRADE NAME:	7610 PURE
BRIEF DESCRIPTION:	100% inherent flame retardant polyester fabric Nominal surface weight : 420 g/m² +/-5% Nominal thickness : 2.3 mm +/-5% Colours : Black
TEST REPORT :	N° 22-01452 E1V1 on the June 3th 2022
TESTS :	Electrical burner test Flame persistence test Dripping test

SPECIMEN

CLASSIFICATION **M1**

Classification valid for any application for which the product is not subjected to the CE marking of the Construction products

CLASSIFICATION DURATION (article 5 of appendix 2) : unlimited unless otherwise specified

given the criteria resulting from the tests described in the enclosed test report.
The classification indicated does not mean that materials marketed comply with the test samples and must not be considered as a qualification certificate as defined by French law dated March 14, 2016.

N.B.: Only integral copies of this document may be made by photocopying the classification report and/or the classification report and enclosed test report.

Issued in Lyon, France, on the June 3th 2022

Olivier PALLAS
Tests and Trials Engineer

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Fire Test Certificate - Specimen

Fabric: Pure Velvet
Type: BS5867 Part 2 Type B

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Email: onestopshop@bttg.co.uk
Website: www.bttg.co.uk

Date: 28 August 2024

Our Ref: 23/62323B/08/24
Your Ref: 76331

Client: **J. & C. Joel Ltd**

Corporation Mill
Corporation Street
Sowerby Bridge
Halifax
HX6 2QQ

SPECIMEN

Job Title: Fire Test on One Fabric Sample

Clients Order Ref: 76331

Date of Receipt: 13 August 2024

Date Test Started: 22 August 2024

Description of Sample: One sample of fabric, which was referenced by the client as;

PUR001

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

BS 5867:Part 2:Type B:2008 (2015)

* subcontracted test, UKAS accredited
** subcontracted test, EN ISO/IEC 17025 accredited
*** not UKAS accredited

ilac-MRA UKAS TESTING 1066

Note: This report relates only to the items tested.

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Fire Test Certificate - Specimen

Fabric: Pure Velvet
Type: BS5867 Part 2 Type B

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Date: 28 August 2024

Our Ref: 23/62323B/08/24
Your Ref: 76331

Client: J. & C. Joel Ltd

BS 5867: Part 2: 2008 (2015): Type B Curtains, Drapes and Blinds

Conditioning

The test specimens were conditioned for at least 24 hours in the standard atmosphere of 65 ± 5 % relative humidity and 20 ± 2 °C.

Testing as received

Three specimens from both length and width were tested in accordance with BS EN ISO 15025:Procedure A (surface ignition):2002. The sample was tested at 22°C and 46% relative humidity.

Each specimen was subjected to an applied flame using propane and a 15 second flame application time. The results obtained (shown in the table below) were assessed according to the requirements of BS 5867:Part 2:Type B:2008 (2015).

Pre-treatment

If the fabric is a pass in the `as received` condition then the fabric is subjected a water soak and drying procedure as specified in BS EN 1021-1 & 2:Annex D:2006.

Testing after pre-treatment

Three specimens, after pre-treatment, from both length and width were tested following the procedure described above.

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Fire Test Certificate - Specimen

Fabric: Pure Velvet
Type: BS5867 Part 2 Type B

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Date: 28 August 2024

Our Ref: 23/62323B/08/24
Your Ref: 76331

Client: J. & C. Joel Ltd

Results - Testing as Received:

	Length			Width		
Specimen No.	**1**	**2**	**3**	**4**	**5**	**6**
Flame reached an edge	No	No	No	No	No	No
Hole reached an edge	No	No	No	No	No	No
Flaming debris separated	No	No	No	No	No	No
Afterflame (s)	0	0	0	0	0	0
Afterglow (s)	0	0	0	0	0	0

Requirements - Any "Yes" means fail except if only one specimen fails a further 6 specimens are tested, if the second 6 specimens all pass the result is a pass.

Result in 'as received': Pass

SPECIMEN

Results - Testing after pre-treatment:

	Length			Width		
Specimen No.	**1**	**2**	**3**	**4**	**5**	**6**
Flame reached an edge	No	No	No	No	No	No
Hole reached an edge	No	No	No	No	No	No
Flaming debris separated	No	No	No	No	No	No
Afterflame (s)	0	0	0	0	0	0
Afterglow (s)	0	0	0	0	0	0

Requirements - Any "Yes" means fail except if only one specimen fails a further 6 specimens are tested, if the second 6 specimens all pass the result is a pass.

Result in `after pre-treatment': Pass

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Date: 28 August 2024

Our Ref: 23/62323B/08/24
Your Ref: 76331

Client: J. & C. Joel Ltd

Comment

The fabric meets the Type B performance requirements of BS 5867: Part 2: Type B:2008 (2015).

This material should be identified with the manufacturers name, trademark or other identifying mark, the statement `Flammability complies with the requirements of BS 5867: Part 2:Type B and instructions of any special precautions to be taken concerning care (including cleansing) of the curtain, drape or window blind to be manufactured from the fabric, preferably using an appropriate care labelling symbol in accordance with BS EN 23758 and taking account of the pre-treatment using in this test and the requirements of Clause 4 of BS 5867:Part 2:2008 (2015). If the fabric is unsuitable for cleansing, this shall be stated.

Where required to make a judgement to any pass/fail criteria an estimation of uncertainty of measurement has been taken into account. Under our Policy we have used a non-binary decision rule.

See our decision rules Policy (https://www.bttg.co.uk/about-us/decision-rules-policy/) for further information.

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Uncertainty Budget

Type B – ±1 seconds for after flame time and afterglow time.

For the remaining criteria, measurements are not taken and pass/fail is related to flame extremities and flaming debris, as such any risk of false acceptance/false rejection is inherent with this standard and would be outside of 95% probability in any case. As such UoM is Zero providing all input parameters are correct.

Reported by:..... R Greasley, Laboratory Technician

Countersigned by:..... B Bland, Technical Customer Service Officer

Enquiries concerning this report should be addressed to Customer Services.

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Fire Test Certificate - Specimen

Fabric: Pure Velvet
Type: EN13773

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INDORAMA VENTURES

trevira CS

Approval of the Trademark Trevira CS®

SPECIMEN

Application No.:	240606.1
Date of issue:	26.08.2024
Valid until:	19.08.2029
Article name:	7610 PURE
End use:	Drapes Curtains Upholstery fabrics Wall coverings Transport sector
Square weight (g/m²): According to customer specification	420
Composition of the raw materials:	Polyester 100%
Composition of the fabric:	Trevira CS 100%

The tested article 7610 PURE col 0010 with application no. 240606 is granted approval for the trademark Trevira CS® for interior use.

This article was tested according to DIN 4102 part 1, 6.2 and thus also meets the requirements for fire class DIN 4102-B1.

The article was tested according to EN 1101 and thus also meets the requirements for class 1 according to EN 13773.

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Fire Test Certificate - Specimen

Fabric: Pure Velvet
Type: EN13773

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INDORAMA VENTURES

This article meets the requirements according to EN 1021-1 and -2:2014 in conjunction with polyurethan foams with a density of more than 30 kg/m³.

This article qualifies for class B-s1, d0 according to the European Standard EN 13501-1. Trevira CS has been approved by the DIBt with the General Building Inspectorate Approval, Approval No. Z-56.25-3573 dd. 10 January 2024.

This article can meet the requirements according to ÖNORM A 3800-1 part 1, class B1, fume formation class Q 1 and droplet formation class TR1.

Thus meets also the requirements according to ÖNORM B 3825 in conjunction with suitable combustion modified foams.

This article can also meet the requirements for the fire index BKZ 5.3 (BKZ = fire index, combustibility 5 = flame retardant, level of smoke emission 3 = low smoke emission) according to the Swiss standard SN 198898.

Thus meets also the requirements for class 1 according to the Italian Standards UNI 8456 and UNI 8457.

Thus meets also the requirements according to the Italian standard UNI 9175, class 1 IM in conjunction with suitable combustion modified foams.

Thus meets also the requirements according to British Standard BS 5867 part 2 type C.

Thus meets also the requirements according to British Standard BS 5852 ignition source 0 (cigarette), ignition source 1 (match) and ignition source (crib 5) in conjunction with suitable combustion modified foams (at least 50 kg/m³). Thus meets the classification according to BS 7176 "Medium Hazard".

This article also meets the requirements according to the North American standard NFPA 701: 2010 Test Method #1 (based on the Test Reports Govmark, New York No. 2-94779, 2-94780, 2-94781).

This article can meet the requirements according to California TB 117-2013, section 1 - cover fabric.

This article also meets the requirements for class I according to the North American standard NFPA 260 for upholstered furniture (based on the Test Reports no. 10-002-775 A + B dated 24.11.2010).

SPECIMEN

Indorama Ventures Fibers Germany GmbH
(This document is valid without signature.)

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Fire Test Certificate - Specimen

Fabric: Pure Velvet
Type: IMO

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Date: 28 August 2024

Our Ref: 23/62323A/08/24
Your Ref: 76331

Client: **J. & C. Joel Ltd**

Corporation Mill
Corporation Street
Sowerby Bridge
Halifax
HX6 2QQ

SPECIMEN

Job Title: Fire Test on One Fabric Sample

Clients Order Ref: 76331

Date of Receipt: 13 August 2024

Date Test Started: 22 August 2024

Description of Sample: One sample of fabric, which was referenced by the client as;

PUR001

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

IMO FTP Code 2010:Part 7

* subcontracted test, UKAS accredited
** subcontracted test, EN ISO/IEC 17025 accredited
*** not UKAS accredited

ilac-MRA UKAS TESTING 1066

Note: This report relates only to the items tested.

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Fire Test Certificate - Specimen

Fabric: Pure Velvet
Type: IMO

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Date: 28 August 2024

Our Ref: 23/62323A/08/24
Your Ref: 76331

Client: J. & C. Joel Ltd

Product Description

Company Name	J & C Joel Ltd
Type of Material, i.e. Curtain, Drape, etc.	Draperies/Curtain decorative Fabric
Name and/or Identification of the Product Tested	Pure Velvet Inherently FR
Mass per Unit Area (g/m²)	Approx 420gsm
Thickness (mm)	Approx 2mm
Colour and Tone (i)	Black
Quantity and Number of Any Coating	N/A
Method and Quantity of Fire Retardant Treatment	N/A
Materials of the Product and its Composite Ratio (ii)	100% Polyester IFR
Composition of Weave (iii)	V Weave
Density (Number/Inch) the Number of Threads per Inch in both warp and weft; and	N/A
Yarn Count	N/A

SPECIMEN

(i) If the product has a pattern, the representative colour shall be described.
(ii) Such as wool, nylon, polyester, etc.
(iii) Such as plain, weave, twilled.

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Fire Test Certificate - Specimen

Fabric: Pure Velvet
Type: IMO

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Date: 28 August 2024

Our Ref: 23/62323A/08/24
Your Ref: 76331

Client: J. & C. Joel Ltd

FIRE TESTS ACCORDING to IMO FTP Code 2010:Part 7
Test for Vertically Supported Textiles and Films

Cleaning Procedure

The sample received no pre-treatment as the fabric was stated to be inherently flame retardant.

Conditioning

The sample was conditioned for not less than 24 hours in the standard atmosphere for conditioning textiles of 20± 5°C and 65 ± 5% R.H.

SPECIMEN

Procedure

The sample was tested in accordance with IMO FTP Code 2010:Part 7*. The sponsor sampled the material and the specimens were cut from the sample received to the dimensions set out in the standard.

A 40mm high propane gas flame was applied to the face of 5 warp and 5 weft specimens for 15 seconds.

The after-flame time, length of char, existence of surface flashing and ignition of cotton waste from drops were recorded.

*Deviation from standard
The test was carried out in a test enclosure to different dimensions to that specified in IMO FTP Code 2010:Part 7. The dimensions of the test enclosure are 1820mm wide x 1220mm deep x 1950mm. The test was carried out in a draught free enclosure.

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Fire Test Certificate - Specimen

Fabric: Pure Velvet
Type: IMO

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Website: www.bttg.co.uk

Date: 28 August 2024

Our Ref: 23/62323A/08/24
Your Ref: 76331

Client: J. & C. Joel Ltd

Requirements

The Performance Criteria for Curtains and Drapes states that: Products which show any of the following characteristics obtained by the fire test in appendix 1, shall be considered unsuitable for use as curtains, drapes or free-hanging fabric product for use in rooms containing furniture and furnishings of restricted fire risk as defined in the relevant regulations of chapter II-2 of the Convention:-.

1. An after-flame time greater than 5 sec for any of the 10 or more specimens tested with surface application of the pilot flame.
2. Burn through to any edge of any of the 10 or more specimens tested with surface application of the pilot flame.
3. Ignition of cotton wool below specimen in any of the 10 or more specimens tested.
4. An average char length in excess of 150mm observed in any of the 10 or more specimens tested by either surface or edge ignition.
5. The occurrence of a surface flash propagating more than 100mm from the point of ignition with or without charring of the base fabric.

If it is found that either or both of the batches of five specimens cut in both warp and weft directions fail to meet one or more of the criteria specified in subparagraphs .1 to .3 and .5 above because of poor performance of only one of the five specimens tested, one complete retest of a similar batch is permitted. Failure of the second batch to meet any of the criteria shall provide the basis for rejection of the fabric for use.

Results

	After flame time (s)		Char length (mm)		Flaming to edge (yes or No)		Ignition of Cotton Wool from Flaming Drops (Yes or No)		Surface Flashing (Yes or No), if yes, Propagation Length (mm)	
	Warp	Weft	Warp	Warp	Weft	Weft	Warp	Weft	Warp	Weft
	0	1	70	66	No	No	No	No	No	No
	0	0	76	68	No	No	No	No	No	No
	0	0	66	77	No	No	No	No	No	No
	0	0	74	74	No	No	No	No	No	No
	0	0	71	69	No	No	No	No	No	No
Mean	**0**	**0**	**71**	**71**						

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SPECIMEN

Fire Test Certificate - Specimen

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Type: IMO

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Date: 28 August 2024

Our Ref: 23/62323A/08/24
Your Ref: 76331

Client: J. & C. Joel Ltd

Note

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

Comment

The results indicate the sample meets the requirements according to IMO 2010 FTP Code, Part 7.

Where required to make a judgement to any pass/fail criteria an estimation of uncertainty of measurement has been taken into account. Under our Policy we have used a non-binary decision rule.

See our decision rules Policy (https://www.bttg.co.uk/about-us/decision-rules-policy/) for further information.

SPECIMEN

Uncertainty Budget

The overall uncertainty budget IMO FTP Code 2010:Part 7 is as follows:-

Measurements: ±2mm
Duration of Flaming: ±2 seconds

Reported by:..... R Greasley, Laboratory Technician

Countersigned by:..... B Bland, Technical Customer Service Officer

Enquiries concerning this report should be addressed to Customer Services.

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Fire Test Certificate - Specimen

Fabric: Pure Velvet
Type: NFPA 701

J&C Joel
Inspiration in every performance

INDORAMA VENTURES

trevira CS

Approval of the Trademark Trevira CS®

SPECIMEN

Application No.:	240606.1
Date of issue:	26.08.2024
Valid until:	19.08.2029
Article name:	7610 PURE
End use:	Drapes Curtains Upholstery fabrics Wall coverings Transport sector
Square weight (g/m²): According to customer specification	420
Composition of the raw materials:	Polyester 100%
Composition of the fabric:	Trevira CS 100%

The tested article 7610 PURE col 0010 with application no. 240606 is granted approval for the trademark Trevira CS® for interior use.

This article was tested according to DIN 4102 part 1, 6.2 and thus also meets the requirements for fire class DIN 4102-B1.

The article was tested according to EN 1101 and thus also meets the requirements for class 1 according to EN 13773.

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Fire Test Certificate - Specimen

Fabric: Pure Velvet
Type: NFPA 701

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This article meets the requirements according to EN 1021-1 and -2:2014 in conjunction with polyurethan foams with a density of more than 30 kg/m³.

This article qualifies for class B-s1, d0 according to the European Standard EN 13501-1. Trevira CS has been approved by the DIBt with the General Building Inspectorate Approval, Approval No. Z-56.25-3573 dd. 10 January 2024.

This article can meet the requirements according to ÖNORM A 3800-1 part 1, class B1, fume formation class Q 1 and droplet formation class TR1.

Thus meets also the requirements according to ÖNORM B 3825 in conjunction with suitable combustion modified foams.

This article can also meet the requirements for the fire index BKZ 5.3 (BKZ = fire index, combustibility 5 = flame retardant, level of smoke emission 3 = low smoke emission) according to the Swiss standard SN 198898.

Thus meets also the requirements for class 1 according to the Italian Standards UNI 8456 and UNI 8457.

Thus meets also the requirements according to the Italian standard UNI 9175, class 1 IM in conjunction with suitable combustion modified foams.

Thus meets also the requirements according to British Standard BS 5867 part 2 type C.

Thus meets also the requirements according to British Standard BS 5852 ignition source 0 (cigarette), ignition source 1 (match) and ignition source (crib 5) in conjunction with suitable combustion modified foams (at least 50 kg/m³). Thus meets the classification according to BS 7176 "Medium Hazard".

This article also meets the requirements according to the North American standard NFPA 701: 2010 Test Method #1 (based on the Test Reports Govmark, New York No. 2-94779, 2-94780, 2-94781).

This article can meet the requirements according to California TB 117-2013, section 1 - cover fabric.

This article also meets the requirements for class I according to the North American standard NFPA 260 for upholstered furniture (based on the Test Reports no. 10-002-775 A + B dated 24.11.2010).

SPECIMEN

Indorama Ventures Fibers Germany GmbH
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Fire Test Certificate - Specimen

Fabric: Pure Velvet
Type: EN13501-1

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INDORAMA VENTURES

trevira CS

Approval of the Trademark Trevira CS®

SPECIMEN

Application No.:	240606.1
Date of issue:	26.08.2024
Valid until:	19.08.2029
Article name:	7610 PURE
End use:	Drapes Curtains Upholstery fabrics Wall coverings Transport sector
Square weight (g/m²): According to customer specification	420
Composition of the raw materials:	Polyester 100%
Composition of the fabric:	Trevira CS 100%

The tested article 7610 PURE col 0010 with application no. 240606 is granted approval for the trademark Trevira CS® for interior use.

This article was tested according to DIN 4102 part 1, 6.2 and thus also meets the requirements for fire class DIN 4102-B1.

The article was tested according to EN 1101 and thus also meets the requirements for class 1 according to EN 13773.

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Fire Test Certificate - Specimen

Fabric: Pure Velvet
Type: EN13501-1

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This article meets the requirements according to EN 1021-1 and -2:2014 in conjunction with polyurethan foams with a density of more than 30 kg/m³.

This article qualifies for class B-s1, d0 according to the European Standard EN 13501-1. Trevira CS has been approved by the DIBt with the General Building Inspectorate Approval, Approval No. Z-56.25-3573 dd. 10 January 2024.

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