

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° 24-01318 L

And 1 Appendix of 6 pages

MATERIAL presented by: Vescom B.V
Sint Jozefstraat 20
5753 AV Deurne
Netherland

TRADE NAME: Chira

BRIEF DESCRIPTION: Fabric 100% inherent fire resistant polyester

Nominal surface weight : 45 g/m²
Nominal thickness : 0.1 mm
Colours : Green

TEST REPORT : N° 24-01318 E1V1 on the June 27th 2024

TESTS : Electrical burner test
Flame persistence test
Dripping test

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 27th 2024



Olivier PALLAS
Tests and Trials Engineer



Institut Français du
Textile et de l'Habillement

Ecully, 27/06/2024

VESCOM BV

Mme BERGMANN Marion
ST. JOZEFSTRAAT 20
5753 AV DEURNE NEDERLAND
PAYS-BAS

IFTH reference : DL240513-016

TEST REPORT N° 24-01318 E1 - V1

The copie of this document is only authorised in its integral version

PURPOSE OF THE REQUEST

Customer reference :

Date of request : 13/05/2024

Purchase order : CO2024001737

Samples supplied on : 17/05/2024

Subject : DEV016758

N° CE/CL :

N° CQ :

SAMPLE(S) REFERENCE(S)

24-01318-001 : Chira

DETAILS OF RESULTS

24-01318-001	Chira
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Buildings material - Reaction to fire - Electrical burner test NF P 92-503 (1995)
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Test carried out according to COFRAC accreditation

PROCESS CONDITIONS

Conditioning of specimens before tests : (23 ± 2)° C and (50 ± 5) % RH up to constant mass
Number of tested specimens : 4
Testing location : Ecully
Date of the test : 26/06/2024
Samples size : 600 X 180 mm

RESULTS

Specimen 1

specimen tested	Green
Side tested	Front side
Direction tested	Warp direction
Times of ignitions (in s)	/
Durations of ignitions (in s)	0
Fall of not ardent drops	Yes
Fall of ardent drops	No
Fall of fragment fired	No
Carbonized length (in mm)	244
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No

Specimen 2

specimen tested	Green
Side tested	Front side
Direction tested	Weft direction
Times of ignitions (in s)	/
Durations of ignitions (in s)	0
Fall of not ardent drops	Yes
Fall of ardent drops	No
Fall of fragment fired	No
Carbonized length (in mm)	237
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No

Specimen 3

specimen tested	Green
Side tested	Back side
Direction tested	Warp direction
Times of ignitions (in s)	/
Durations of ignitions (in s)	0
Fall of not ardent drops	Yes
Fall of ardent drops	No
Fall of fragment fired	No
Carbonized length (in mm)	248
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No

Specimen 4

specimen tested	Green
Side tested	Back side
Direction tested	Weft direction

Times of ignitions (in s)	/
Durations of ignitions (in s)	0
Fall of not ardent drops	Yes
Fall of ardent drops	No
Fall of fragment fired	No
Carbonized length (in mm)	231
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No
Average of carbonized lengths (in mm)	240
Average of carbonized widths between 45 and 60 cm (in mm)	/
Drilling by fusion without ignition or with ignition < or = 5 s	Yes
Maximum duration of ignition (in s)	0
Fall of ardent drops or fragment fired	No
Afterglow with spread on more than 25 cm (in mm)	No

DETAILS OF RESULTS

24-01318-001	Chira
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**Buildings material - Reaction to fire - Dripping test.
NF P 92-505 (1995)**

Test carried out according to COFRAC accreditation

PROCESS CONDITIONS

*Conditioning of specimens before tests : (23 ± 2)° C and (50 ± 5) % RH up to constant mass
Number of tested specimens : 4
Testing location : Ecully
Date of the test : 26/06/2024
Samples size : 70 X 70 mm*

RESULTS

Specimen 1

Specimen tested	Green
Times of ignitions (in s)	/
Durations of ignitions (in s)	0
Fall of not ardent drops	Yes
Fall of ardent drops	No
Ignition of cotton	No

Specimen 2

Specimen tested	Green
Times of ignitions (in s)	/
Durations of ignitions (in s)	0
Fall of not ardent drops	Yes
Fall of ardent drops	No
Ignition of cotton	No

Specimen 3

Specimen tested	Green
Times of ignitions (in s)	/
Durations of ignitions (in s)	0
Fall of not ardent drops	Yes
Fall of ardent drops	No
Ignition of cotton	No

Specimen 4

Specimen tested	Green
Times of ignitions (in s)	/
Durations of ignitions (in s)	0
Fall of not ardent drops	Yes
Fall of ardent drops	No
Ignition of cotton	No

At least one sample ignited cotton **No**

DETAILS OF RESULTS

24-01318-001	Chira
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**Buildings material - Reaction to fire - Flame persistence test and speed of the spread of flame.
NF P 92-504 (1995)**

Test carried out according to COFRAC accreditation

PROCESS CONDITIONS

*Conditioning of specimens before tests : (23 ± 2)° C and (50 ± 5) % RH up to constant mass
Number of tested specimens : 8
Testing location : Ecully
Date of the test : 26/06/2024
Samples size : 460 x 230 mm*

RESULTS

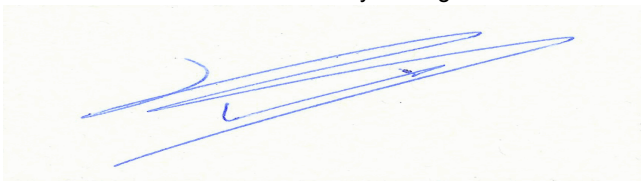
Specimen 1	Specimen tested	Green
	Side tested	Front side
	Direction tested	Warp direction
	Durations of inflammations (in s)	0/0/0/0
	Fall of not ardent drops	No
	Fall of ardent drops	No
Specimen 2	Specimen tested	Green
	Side tested	Front side
	Direction tested	Weft direction
	Durations of inflammations (in s)	0/0/0/0
	Fall of not ardent drops	No
	Fall of ardent drops	No
Specimen 3	Specimen tested	Green
	Side tested	Back side
	Direction tested	Warp direction
	Durations of inflammations (in s)	0/0/0/0
	Fall of not ardent drops	No
	Fall of ardent drops	No
Specimen 4	Specimen tested	Green
	Side tested	Back side
	Direction tested	Weft direction
	Durations of inflammations (in s)	0/0/0/0
	Fall of not ardent drops	No
	Fall of ardent drops	No
Specimen 5	Specimen tested	Green
	Side tested	Front side
	Direction tested	Warp direction
	Durations of inflammations (in s)	0/0/0/0
	Fall of not ardent drops	No
	Fall of ardent drops	No
Specimen 6	Specimen tested	Green
	Side tested	Front side
	Direction tested	Weft direction
	Durations of inflammations (in s)	0/0/0/0

	Fall of not ardent drops	No
	Fall of ardent drops	No
Specimen 7	Specimen tested	Green
	Side tested	Back side
	Direction tested	Warp direction
	Durations of inflammations (in s)	0/0/0/0
	Fall of not ardent drops	No
	Fall of ardent drops	No
Specimen 8	Specimen tested	Green
	Side tested	Back side
	Direction tested	Weft direction
	Durations of inflammations (in s)	0/0/0/0
	Fall of not ardent drops	No
	Fall of ardent drops	No
	Maximum duration of ignition (in s)	0
	Fall of ardent drops or fragment fired	No

SAMPLE DESCRIPTION ANNOUNCED BY THE CLIENT

24-01318-001	Chira
Composition	Tissu 100% polyester FR ignifugé dans la masse / Fabric 100% inherent fire resistant polyester
Mass per unit area	45 g/m ²
Thickness	0.1 mm
Color	Vert / Green
Test requested by	Vescom B.V
Name and address of the producer	Vescom Textiles GmbH August-Horch-Str 16 95213 Münchberg Germany
Name and address of the supplier	Vescom B.V. Sint Josefstraat 20 5753 AV Deurne Netherlands

Denis FEUILLET
Material laboratory manager



Versions

Version 1 : Report creation

I.F.T.H. service clientèle

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Portée disponible sur :
www.cofrac.fr
Accréditations N°:
Ecully 1-0101
Saint-Priest-en-Jarez 1-5688

Number of pages : 7 Appendices : 0

If test reports, interpretation reports, comments, advice or observations are translated into a foreign language, only the version in French is valid.

The uncertainty associated to the result was not explicitly taken in consideration to declare the conformity to the specification.

Conformities are given only for the results associated to a specification.

Results of this test report are only valid for specimens subjected to testing at IFTH. as we received them

* End of report *