



Institut Français du
Textile et de l'Habillement

Ecully, 13/09/2021

SMD CONTRACT LTD
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IFTH reference : DL210618-009

TEST REPORT N° 21-02637 E1 - V1

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PURPOSE OF THE REQUEST

Customer reference : Tundra 100% IFR Polyester

Date of request : 18/06/2021

Purchase order : DEV003002 - CO2021002815 - DL210618-009

Samples supplied on : 30/07/2021

Subject :

N° CE/CL :

N° CQ :

SAMPLE(S) REFERENCE(S)

21-02637-001 : Tundra 100% IFR Polyester

DETAILS OF RESULTS

21-02637-001

Tundra 100% IFR Polyester

**Buildings material - Reaction to fire - Electrical burner test
NF P 92-503 (1995)**

Test carried out according to COFRAC accreditation

PROCESS CONDITIONS

Conditioning of specimens before tests : (23 ± 2)° C and (50 ± 5) % RH during minimum 7 days

Number of tested specimens : 4

Testing location : Ecully

Date of the test : 09/09/2021

RESULTS

Specimen 1

specimen tested	Linen
Side tested	Front side
Direction tested	Warp direction
Other informations:	Beige
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)	210
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No

Specimen 2

specimen tested	Linen
Side tested	Front side
Direction tested	Weft direction
Other informations:	Beige
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)	224
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No

Specimen 3

specimen tested	Brown
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)	202
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No

Specimen 4

specimen tested	Pewter
Side tested	Back side

Direction tested	Weft direction
Other informations:	Grey
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)	208
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)	211
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

21-02637-001

Tundra 100% IFR Polyester

**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 during minimum 7 days

Number of tested specimens : 4

Testing location : Ecully

Date of the test : 10/09/2021

RESULTS

Specimen 1

Specimen tested	Brown
Side tested	Front side
Direction tested	Warp direction
Durations of inflammations (in s)	0/0/0/0/0/0/0/0/0
Fall of not ardent drops	Yes
Fall of ardent drops	No

Specimen 2

Specimen tested	Brown
Side tested	Front side
Direction tested	Weft direction
Durations of inflammations (in s)	0/0/0/0/0/0/0/0/0
Fall of not ardent drops	Yes
Fall of ardent drops	No

Specimen 3

Specimen tested	Pewter
Side tested	Back side
Direction tested	Warp direction
Other informations:	Grey
Durations of inflammations (in s)	0/0/0/0/0/0/0/0/0
Fall of not ardent drops	Yes
Fall of ardent drops	No

Specimen 4

Specimen tested	Linen
Side tested	Back side
Direction tested	Weft direction
Other informations:	Beige
Durations of inflammations (in s)	0/0/0/0/0/0/0/0/0
Fall of not ardent drops	Yes
Fall of ardent drops	No

Maximum duration of ignition (in s)	0
Fall of ardent drops or fragment fired	No

DETAILS OF RESULTS

21-02637-001

Tundra 100% IFR Polyester

**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 during minimum 7 days

Number of tested specimens : 4

Testing location : Ecully

Date of the test : 10/09/2021

RESULTS

Specimen 1

Specimen tested	Pewter
Other informations:	Grey
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	Pewter
Other informations:	Grey
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	Brown
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	Linen
Other informations:	Beige
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**

SAMPLE DESCRIPTION ANNOUNCED BY THE CLIENT

21-02637-001	Tundra 100% IFR Polyester
Composition	Tissu 100% polyester FR ignifugé dans la masse / fabric 100% inherent fire resistant polyester.
Measured Mass per unit area	Environ/about 360 g/m ²
Measured Thickness	Environ/About 0,7 mm
Color	Pewter (Gris/Grey) ; Linen (Beige) ; Marron/Brown
Test requested by	SMD Contracts Ltd.
Name and address of the producer	SMD Contracts Ltd. Pittman Way Fulwood /Preston England ; PR2 9ZD
Name and address of the supplier	SMD Contracts Ltd. Pittman Way Fulwood /Preston England ; PR2 9ZD

Cedric ROSSARD
Laboratory Manager

Versions

Version 1 : Report creation

I.F.T.H. service clientèle

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Accréditations N°:
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Number of pages : 6 Appendices : 0

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« 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.* »

* End of report *