Institut Français du Textile et de l'Habillement

This document is the translation of the French certificate n° 20-00637 L on the March 20th, 2020 delivered by IFTH.

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

Valid five years from issue date

CERTIFICATE N° 20-00637 L

And appendices of 6 pages

MATERIAL presented by:	**INDETEX NV** **Rue du Mont-Gallois 58** **B-7700 MOUSCRON** **BELGIUM**
TRADE NAME:	**AQUILA – BALENA**
BRIEF DESCRIPTION:	**100% inherent flame retardant polyester fabric.** **Nominal surface weight: 277 g/m²** **Nominal thickness: 0,60 mm** **Colours: Various**
TEST REPORT:	**N° 20-00637 $_{E1-V1}$ on the March 20th, 2020**
TESTS:	**Electrical burner test** **Flame persistence test** **Dripping test**
CLASSIFICATION:	**M 1**

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 March 20th, 2020

Léa MONIN
Engineer Tests and Trials

Institut Français du
Textile et de l'Habillement

Ecully, 20/03/2020

INDETEX SA
INDETEX
58 RUE DU MONT GALLOIS
7700 MOUSCRON
BELGIQUE

IFTH reference : DL200228-015

TEST REPORT N° 20-00637 E1 - V1

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

PURPOSE OF THE REQUEST

Customer reference :

Purchase order : commande validée

Subject :

Date of request : 28/02/2020

Samples supplied on : 05/03/2020

N° CE/CL :

N° CQ :

SAMPLE(S) REFERENCE(S)

20-00637-001 : AQUILA - BALENA

DETAILS OF RESULTS

20-00637-001	AQUILA - BALENA

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 up to constant mass
Number of tested specimens : 4
Testing location : Ecully
Date of the test : 10/03/2020

RESULTS

Specimen 1

specimen tested	BALENA 1003
Side tested	Front side
Direction tested	Warp direction
Other informations:	Dark 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)	135
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No

Specimen 2

specimen tested	BALENA 1003
Side tested	Front side
Direction tested	Weft direction
Other informations:	Dark 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)	145
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No

Specimen 3

specimen tested	BALENA 1002
Side tested	Back side
Direction tested	Warp direction
Other informations:	Beige
Times of ignitions (in s)	105
Durations of ignitions (in s)	4
Fall of not ardent drops	Yes
Fall of ardent drops	No
Fall of fragment fired	No
Carbonized length (in mm)	160
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No

Specimen 4

specimen tested	AQUILA 2001

Side tested	Back side
Direction tested	Weft direction
Other informations:	Light 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)	165
Carbonized width between 45 and 60 cm (in mm)	/
Afterglow with spread on more than 25 cm (in mm)	No
Average of carbonized lengthes (in mm)	**151**
Average of carbonized widthes 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)	**4**
Fall of ardent drops or fragment fired	**No**
Afterglow with spread on more than 25 cm (in mm)	**No**

DETAILS OF RESULTS

20-00637-001	AQUILA - BALENA

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 : 10/03/2020

RESULTS

Specimen 1		
	Specimen tested	AQUILA 2001
	Other informations:	Light 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	BALENA 1003
	Other informations:	Dark 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	BALENA 1002
	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
Specimen 4		
	Specimen tested	BALENA 1003
	Other informations:	Dark 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
	At least one sample ignited cotton	**No**

COMMENTS

For information, the product tested may be classified as **M1**
This document can't no means replace the official report

DETAILS OF RESULTS

20-00637-001	AQUILA - BALENA

Buildings material - Reaction to fire - Flame persistance 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 : 4
Testing location : Ecully
Date of the test : 10/03/2020

RESULTS

Specimen 1		
	Specimen tested	BALENA 1002
	Side tested	Front side
	Direction tested	Warp direction
	Other informations:	Beige
	Durations of inflammations (in s)	0/0/0/0/0/0/0/0/0/0
	Fall of not ardent drops	No
	Fall of ardent drops	No
Specimen 2		
	Specimen tested	BALENA 1002
	Side tested	Front side
	Direction tested	Weft direction
	Other informations:	Beige
	Durations of inflammations (in s)	0/1/0/0/0/1/0/0/0/0
	Fall of not ardent drops	Yes
	Fall of ardent drops	No
Specimen 3		
	Specimen tested	BALENA 1003
	Side tested	Back side
	Direction tested	Warp direction
	Other informations:	Dark grey
	Durations of inflammations (in s)	0/0/0/0/0/0/0/0/0/0
	Fall of not ardent drops	No
	Fall of ardent drops	No
Specimen 4		
	Specimen tested	AQUILA 2001
	Side tested	Back side
	Direction tested	Weft direction
	Other informations:	Light grey
	Durations of inflammations (in s)	0/0/0/0/0/0/0/0/0/0
	Fall of not ardent drops	No
	Fall of ardent drops	No
	Maximum duration of ignition (in s)	**1**
	Fall of ardent drops or fragment fired	**No**

SAMPLE DESCRIPTION ANNOUNCED BY THE CLIENT

20-00637-001	AQUILA - BALENA
Composition	Tissu 100% polyester ignifugé dans la masse. 100% inherent flame retardant polyester fabric.
Mass per unit area	277g/m²
Thickness	0.60 mm
Color	BALENA 1003 (Gris foncé/Dark grey) - BALENA 1002 (Beige) - AQUILA 2001 (Gris clair/Light grey)
Test requested by	INDETEX NV
Name and address of the producer	INDETEX NV rue du Mont-Gallois 58 B-7700 MOUSCRON (BELGIUM)
Name and address of the supplier	INDETEX NV rue du Mont-Gallois 58 B-7700 MOUSCRON (BELGIUM)

Cedric ROSSARD
Laboratory Manager

Versions

Version 1 : Report creation

I.F.T.H. service clientèle
Avenue Guy de Collongue - 69134 ECULLY CEDEX
FRANCE
SIRET 433 430 832 00017

Number of pages : 6 Appendices : 0

* End of report *