

TEST REPORT

Nº **2015AN5110**

DATE OF RECEPTION 13/11/2020

DATE TEST
Starting: 13/11/2020
Ending: 13/12/2025

This report has a validity of 5 years and will be prolonged.

DESCRIPTION AND IDENTIFICATION OF SAMPLES

SAMPLES REFERENCED:

- "MOLOBY".

TESTS CARRIED OUT

- DETAILED PROCEDURE TO DETERMINE THE IGNITABILITY OF VERTICALLY ORIENTED SPECIMENS

- MEASUREMENT OF FLAME SPREAD OF VERTICALLY ORIENTED SPECIMENS WITH LARGE IGNITION SOURCE

ATTACHED

1

SAMPLE(S)

SEALED

PAGE

1

OF

11



RESULTS

DETAILED PROCEDURE TO DETERMINE THE IGNITABILITY OF VERTICALLY ORIENTED SPECIMENS

DESCRIPTION OF SAMPLE

Sample description and end use application

Green fabric in roll, weight is approx. de 114 g/m.² Composition - 100% Polyester
Ref: "MOLOBY", according to the customer.

Object and scope

This European Standard specifies the classification for the fire behaviour of the vertically oriented fabrics for curtains and drapes and similar uses, which requires a classification.

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RESULTS

Standard

UNE-EN 1101:1996 equivalent to EN 1101:1995

Apparatus

Equipment for determination of limited flame spread

Sample uncertainty

± 0.562 s

Pre-treatment

1 washed-dried cycle according to ISO 6330:1984 method 6A (40 ± 3) °C

Sample conditioned

24 h (minimum) in atmosphere (20 ± 2) °C y (65 ± 5) % HR

Ambiental conditions test

22.6 °C y 28.5 % H.R.

Gas used

Gas propane

Test specimen size

80 mm x 200 mm

Spread of air

< 0.2 m/s

Orientation of the burner

Edge

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RESULTS

Reference

MOLOBY

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Mass per unit area

~ 114 g/m²

Orientation of the specimen

Warp

Test number	Flame application time	Inflammation duration (s)	Result
Test 1	1	0	0
Test 2	2	0	0
Test 3	3	0	0
Test 4	4	0	0
Test 5	5	0	0
Test 6	10	0	0
Test 7	15	0	0
Test 8	20	0	0

X Ignition 0 No ignition

Flame application time	Number of cases of ignition	Number of cases of non-ignition
1	0	1
2	0	1
3	0	1
4	0	1
5	0	1
10	0	1
15	0	1
20	0	1

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RESULTS

Reference

MOLOBY

Mass per unit area

~ 114 g/m²

Orientation of the specimen

Weft

Test number	Flame application time	Inflammation duration (s)	Result
Test 1	1	0	0
Test 2	2	0	0
Test 3	3	0	0
Test 4	4	0	0
Test 5	5	0	0
Test 6	10	0	0
Test 7	15	0	0
Test 8	20	0	0

X Ignition 0 No ignition

Flame application time	Number of cases of ignition	Number of cases of non-ignition
1	0	1
2	0	1
3	0	1
4	0	1
5	0	1
10	0	1
15	0	1
20	0	1

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RESULTS

MEASUREMENT OF FLAME SPREAD OF VERTICALLY ORIENTED SPECIMENS WITH LARGE IGNITION SOURCE

Standard

UNE-EN 13772:2003 equivalent to EN 13772:2003

Apparatus

Equipment for determination of limited flame spread

Sample uncertainty

± 1.411 s; ± 0.629 mm

Pre-treatment

1 washed-dried cycle according to ISO 6330:2000 method 6A (40 ± 3) °C

Sample conditioned

24 h (mínimo) in atmosphere (20 ± 2) °C y (65 ± 5) % HR

Ambiental conditions test

22.6 °C y 28.5 % H.R.

Gas used

Gas propane

Spread of air

< 0.2 m/s

Orientation of the burner

Edge

>>>



RESULTS

Reference

MOLOBY

Mass per unit area

~ 114 g/m²

Orientation of the specimen

(Ud) and (Ur)

Test number	Flame application time	Time break until of 1 st thread (s)	Time break until of 3 rd thread (s)	Remains of the action of flame	Maximum char length
1 (Ud)	10	---	---	No	140
2 (Ur)	10	---	---	No	145
3 (Ur)	10	---	---	No	155
4 (Ur)	10	---	---	No	155

NOTES

Perforation of the material is not observed during the first 30 seconds of the trial, allowing the pilot flame to attack. There is a moderate emission of grey smoke during the trial. The appearance of the destroyed area at the end of the trial is one of perforation through material fusion. Traces of the flame action. Any trace of the test tube that burns the filter paper is taken into consideration.

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RESULTS

Reference

MOLOBY

Mass per unit area

~ 114 g/m²

Orientation of the specimen

(Td) and (Tr)

Test number	Flame time	application	Time break until of 1 st thread (s)	Time break until of 3 rd thread (s)	Remains of the action of flame	Maximum length	char
1 (Td)		10	---	---	No	150	
2 (Tr)		10	---	---	No	130	
3 (Td)		10	---	---	No	155	
4 (Td)		10	---	---	No	145	

NOTES

Perforation of the material is not observed during the first 30 seconds of the trial, allowing the pilot flame to attack. There is a moderate emission of grey smoke during the trial. The appearance of the destroyed area at the end of the trial is one of perforation through material fusion. Traces of the flame action. Any trace of the test tube that burns the filter paper is taken into consideration.

>>>



RESULTS

Reference
MOLOBY

PHOTO



>>>



RESULTS

Reference

MOLOBY

THE TESTED SAMPLE OF MATERIAL IN ACCORDANCE WITH THE CONTENTS OF THIS REPORT AND CLASSIFICATED REPORT N° 10AN5110, IS HEREBY CLASSIFIED ACCORDING UNE-EN 13773:2003 EQUIVALENT TO EN 13773:2003 STANDARS AS:

CLASS 1

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Date of issue:

13/12/2020

Jordi Ferri
Head of Fire Behaviour department

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