

# M1 Fire Rating Certificate · France

European standard NF P 92-507

molo soft collection

glacier blue paper

**molo** design, ltd.

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## **M1 · French standard NF P 92-507**

molod glacier blue paper products have achieved an M1 fire rating under the French standard NF P 92-507. M1 measures reaction to fire and is considered one of the highest classifications for combustible materials in France.

The French standard classifies materials according to their combustibility and flame propagation performance, with ratings subdivided as follows:

### **Class M:**

M0: Non-combustible materials

M1: Non-flammable / very low flammability materials

M2: Low flammability materials

M3: Moderately flammable materials

M4: Readily flammable materials

molod paper products are fire-retardant and are difficult to ignite / self-extinguishing.

This rating is consistent with use in a wide range of occupancies and interior applications.

All products should always be kept away from any open flame or heat source to avoid possible damage.

## CLASSIFICATION REPORT

Established according to the article 5 of the Department State Order dated 21 November 2002

**VALIDITY 5 YEARS from 02 october 2026**

**N° P258069 - DEC/14**

and appendix of 6 pages

**Material submitted by** MOLO DESIGN LTD  
1470 Venables street  
V5L 2G7 VANCOUVER - BRITISH COLUMBIA  
Canada

**Commercial trademark:** Glacier blue paper for molo soft collection

**Bried description:**

**Global composition:** Surface-treated fire-retardant paper

**End-use:** Furniture for Molo soft collection

**Mass:** 126,34 g/m<sup>2</sup>

**Thickness:** 0.2 mm

**Colour:** Pale blue

**Test report:** N° P258069 - DEC/14 dated 02 october 2026

**Type of tests:** Determination of classification according to NF P 92-507 (February 2004)  
Electrical burner test according to NF P 92-503 (December 1995), Flame persistence test  
and speed of the spread of flame according to NF P 92-504 (December 1995),  
Determination of the durability of the fire reaction classification of materials according to  
NF P 92-512 (May 1986)

**Classification:**

**M1**

**VALID FOR ANY APPLICATION FOR WHICH THE PRODUCT IS NOT SUBJECT TO CE MARKING**

**VALID FOR ANY APPLICATION FOR WHICH THE PRODUCT IS NOT SUBJECT TO AM18 ARTICLE FOR PULIC  
BUILDINGS REGULATION**

**Durability of classification (NF P 92-512 : 1986) : NON LIMITEE : ARTICLE NON NETTOYABLE A SEC MAIS NON LAVABLE  
(MATÉRIAUX UTILISÉS À L'ABRI DES INTEMPÉRIES)**

In view of criteria resulting from the tests described in the appended Test Report N° P258069 - DEC/14.  
To determine the classification, uncertainty on the results has not been taken into account.

The indicated classification prejudices in no way the conformity of the materials commercialized to the samples  
submitted to the tests and can in no way be considered as a certificate of qualification. This is not a product  
certification according to the L115-27 article of the consumption code and to the law dated on 3<sup>rd</sup> June 1994.

Is allowed only the integral reproduction of either this classification report consisting of this unique page, or the  
whole classification report with the annexed test report consisting of **7 pages**.

Trappes, October 02, 2026



**The Head of Fire Behaviour and Fire Safety  
Department**

**Thibaut CORNILLON**

Traduction du Document P258069 - DEC/13 réalisée par le LNE. La version en langue française fait foi

## TEST REPORT

Established according to the article 5 of the department State Order dated on 21 November 2002.

VALIDITY 5 YEARS FROM 02 october 2026

**N° P258069 - DEC/14**

### 1. PURPOSE OF TEST

The purpose of tests to which this report relates is to determine the classification of materials, in accordance with the stipulations in the order from the Ministère de l'Intérieur, dated on 21 November 2002 relating to their reaction to fire.

### 2. PROVENANCE ET CARACTERISTIQUES DES ECHANTILLONS

Characteristics attested by sponsor :

*The validity of the results may be affected by this information. For these results, LNE's responsibility is limited to its contribution to their elaboration.*

|                                  |                                                                       |
|----------------------------------|-----------------------------------------------------------------------|
| Test requested by                | : MOLO DESIGN LTD                                                     |
| Date and reference of order      | : Agreed on 18/02/2026 in accordance with quotation no. DEV2511641-V2 |
| Producer                         | : MOLO DESIGN LTD<br>Canada                                           |
| Trademark (commercial reference) | : Glacier blue paper for molo soft collection                         |
| Global composition               | : Surface-treated fire-retardant paper                                |

|           |                           |
|-----------|---------------------------|
| Mass      | : 126,34 g/m <sup>2</sup> |
| Thickness | : 0,2 mm                  |
| Colour    | : Pale blue               |

Characteristics determined by LNE :

|           |                               |
|-----------|-------------------------------|
| Mass      | : (119 ± 12) g/m <sup>2</sup> |
| Thickness | : (0,170 ± 0,017) mm          |
| Colour    | : Pale blue                   |

**report to be followed on next page**



Accréditation/Accreditation  
N° 1-0606  
Portée disponible/Scope

Certaines prestations rapportées dans ce document ne sont pas couvertes par l'accréditation. Elles sont identifiées par le symbole \*  
*Some services reported in this document are not covered by accreditation. They are identified by the symbol \**



### 3. TEST CONDITIONS

Receipt of samples: 07/05/2026

Samples conditioning prior to tests:

Samples – possibly placed on their substrate – are conditioned in a  $(23 \pm 2) ^\circ\text{C}$  and  $(50 \pm 5) \%$  relative humidity atmosphere during seven days or until constant mass is achieved (like for materials highly thick, or still humid when delivered,).

Mass is considered as constant when two successive weighings with a 24 h interval do not differ by more than 0,1 % or 0,1 g (whichever is greatest).

Test performed on: 17/06/2026 and 28/09/2026

(\*)Accelerated ageing in climatic chamber (NF P 92-512): The test consists in submitting the samples placed vertically to 4 two weeks long cycles alternating relative humidity conditions (90 % HR or 15 % HR). The samples are then brushed once using a nylon brush.

### 4. RESULTS BEFORE DURABILITY TEST(S)

#### 4.1. ELECTRICAL BURNER TEST ACCORDING TO NF P 92-503 (DECEMBER 1995)

##### 4.1.1. Determination of the most adverse mode for testing

|                                                          | Sample 1      |  |  |  | Sample 2     |  |  |  | Sample 3      |  |  |  | Sample 4     |  |  |  |
|----------------------------------------------------------|---------------|--|--|--|--------------|--|--|--|---------------|--|--|--|--------------|--|--|--|
| Orientation                                              | Warp<br>Front |  |  |  | Warp<br>Back |  |  |  | Weft<br>Front |  |  |  | Weft<br>Back |  |  |  |
| Color                                                    | Pale blue     |  |  |  | Pale blue    |  |  |  | Pale blue     |  |  |  | Pale blue    |  |  |  |
| Mass (g)                                                 | 12,73         |  |  |  | 12,69        |  |  |  | 12,64         |  |  |  | 12,58        |  |  |  |
| Perforation                                              | Yes           |  |  |  | Yes          |  |  |  | Yes           |  |  |  | Yes          |  |  |  |
| Lighting time (s)                                        | –             |  |  |  | –            |  |  |  | –             |  |  |  | –            |  |  |  |
| Duration of flaming<br>after pilot flame<br>removal (s)  | –             |  |  |  | –            |  |  |  | –             |  |  |  | –            |  |  |  |
| Spread of glowing<br>dots beyond the<br>char area        | No            |  |  |  | No           |  |  |  | No            |  |  |  | No           |  |  |  |
| Burned lenght<br>beyond 25 cm<br>after 5 min             | No            |  |  |  | No           |  |  |  | No            |  |  |  | No           |  |  |  |
| Fall of flaming<br>droplets or debris                    | No            |  |  |  | No           |  |  |  | No            |  |  |  | No           |  |  |  |
| Melting behavior,<br>fall of non-flaming<br>molten drips | No            |  |  |  | No           |  |  |  | No            |  |  |  | No           |  |  |  |
| Destroyed or<br>burned lenght<br>(mm)                    | 190           |  |  |  | 200          |  |  |  | 180           |  |  |  | 195          |  |  |  |
| Destroyed or<br>burned width<br>beyond 450 mm<br>(mm)    | –             |  |  |  | –            |  |  |  | –             |  |  |  | –            |  |  |  |

## 4.1.2. Pursuance of tests in the most adverse mode

|                                                    | Sample 5  |  |  |  | Sample 6  |  |  |  | Sample 7  |  |  |  | Sample 8  |  |  |  |                       |
|----------------------------------------------------|-----------|--|--|--|-----------|--|--|--|-----------|--|--|--|-----------|--|--|--|-----------------------|
| Orientation                                        | Warp Back |  |  |  | Warp Back |  |  |  | Warp Back |  |  |  | Warp Back |  |  |  |                       |
| Color                                              | Pale blue |  |  |  | Pale blue |  |  |  | Pale blue |  |  |  | Pale blue |  |  |  |                       |
| Mass (g)                                           | 12,69     |  |  |  | 12,73     |  |  |  | 12,52     |  |  |  | 12,58     |  |  |  |                       |
| Perforation                                        | Yes       |  |  |  | Yes       |  |  |  | Yes       |  |  |  | Yes       |  |  |  |                       |
| Lighting time (s)                                  | —         |  |  |  | —         |  |  |  | —         |  |  |  | —         |  |  |  |                       |
| Duration of flaming after pilot flame removal (s)  | —         |  |  |  | —         |  |  |  | —         |  |  |  | —         |  |  |  |                       |
| Spread of glowing dots beyond the char area        | No        |  |  |  | No        |  |  |  | No        |  |  |  | No        |  |  |  |                       |
| Burned lenght beyond 25 cm after 5 min             | No        |  |  |  | No        |  |  |  | No        |  |  |  | No        |  |  |  |                       |
| Fall of flaming droplets or debris                 | No        |  |  |  | No        |  |  |  | No        |  |  |  | No        |  |  |  |                       |
| Melting behavior, fall of non-flaming molten drips | No        |  |  |  | No        |  |  |  | No        |  |  |  | No        |  |  |  |                       |
| Destroyed or burned lenght (mm)                    | 200       |  |  |  | 185       |  |  |  | 195       |  |  |  | 185       |  |  |  | Average lenght<br>192 |
| Destroyed or burned w idth beyond 450 mm (mm)      | —         |  |  |  | —         |  |  |  | —         |  |  |  | —         |  |  |  | Average width<br>—    |

|                              |     |
|------------------------------|-----|
| Ignition duration $\leq 5$ s | Yes |
| Average lenght $< 350$ mm    | Yes |
| Average width $< 90$ mm      | Yes |
| Fall of flaming droplets     | No  |

report to be followed on next page

**4.2. FLAME PERSISTANCE TEST ACCORDING TO NF P 92-504 (DECEMBER 1995)****4.2.1. Determination of the most adverse mode for testing**

|                                                                 | Sample 1      | Sample 2     | Sample 3      | Sample 4     |
|-----------------------------------------------------------------|---------------|--------------|---------------|--------------|
| Direction                                                       | Warp<br>Front | Warp<br>Back | Weft<br>Front | Weft<br>Back |
| Color                                                           | Pale blue     | Pale blue    | Pale blue     | Pale blue    |
| Mass (g)                                                        | 12,22         | 12,32        | 12,45         | 12,44        |
| Test specimen's maximum duration of flaming (s)                 | 0,4           | 0,4          | 0,4           | 0,4          |
| Material's maximum duration of flaming inferior or equal to 2 s | Yes           |              |               |              |
| Material's maximum duration of flaming inferior or equal to 5 s | Yes           |              |               |              |
| Fall of not flaming molten drips                                | No            | No           | No            | No           |
| Fall of flaming molten drips                                    | No            | No           | No            | No           |

**4.2.2. Pursuance of tests in the most adverse mode**

|                                                                 | Sample 5     | Sample 6     | Sample 7     | Sample 8     |
|-----------------------------------------------------------------|--------------|--------------|--------------|--------------|
| Direction                                                       | Warp<br>Back | Warp<br>Back | Warp<br>Back | Warp<br>Back |
| Color                                                           | Pale blue    | Pale blue    | Pale blue    | Pale blue    |
| Mass (g)                                                        | 12,32        | 12,23        | 12,30        | 12,48        |
| Test specimen's maximum duration of flaming (s)                 | 0,4          | 0,4          | 0,5          | 0,3          |
| Material's maximum duration of flaming inferior or equal to 2 s | Yes          |              |              |              |
| Material's maximum duration of flaming inferior or equal to 5 s | Yes          |              |              |              |
| Fall of not flaming molten drips                                | No           | No           | No           | No           |
| Fall of flaming molten drips                                    | No           | No           | No           | No           |

**report to be followed on next page**

## 5. RESULTS AFTER DURABILITY TESTS

### 5.1. ELECTRICAL BURNER TEST ACCORDING TO NF P 92-503 (DECEMBER 1995)

|                                                          | Sample 1     | Sample 2     | Sample 3     | Sample 4     |                          |
|----------------------------------------------------------|--------------|--------------|--------------|--------------|--------------------------|
| Orientation                                              | Warp<br>Back | Warp<br>Back | Warp<br>Back | Warp<br>Back |                          |
| Color                                                    | Pale blue    | Pale blue    | Pale blue    | Pale blue    |                          |
| Mass (g)                                                 | 12,97        | 12,63        | 13,01        | 12,74        |                          |
| Perforation                                              | Yes          | Oui          | Oui          | Oui          |                          |
| Lighting time (s)                                        | –            | –            | –            | –            |                          |
| Duration of flaming<br>after pilot flame<br>removal(s)   | –            | –            | –            | –            |                          |
| Spread of glow ing<br>dots beyond the<br>char area       | No           | No           | No           | No           |                          |
| Burned lenght<br>beyond 25 cm<br>after 5 min.            | No           | No           | No           | No           |                          |
| Fall of flaming<br>droplets or debris                    | No           | No           | No           | No           |                          |
| Melting behavior,<br>fall of non-flaming<br>molten drips | No           | No           | No           | No           |                          |
| Destroyed or<br>burned lenght<br>(mm)                    | 170          | 180          | 195          | 170          | Average<br>lenght<br>179 |
| Destroyed or<br>burned width<br>beyond 450 mm<br>(mm)    | –            | –            | –            | –            | Average<br>width<br>–    |

|                              |     |
|------------------------------|-----|
| Ignition duration $\leq 5$ s | Yes |
| Average Lenght < 350 mm      | Yes |
| Average width < 90 mm        | Yes |
| Fall of flaming droplets     | No  |

report to be followed on next page

**5.2. FLAME PERSISTENCE TEST ACCORDING TO NF P 92-504 (DECEMBER 1995)**

|                                                                 | Sample 1     | Sample 2     | Sample 3     | Sample 4     |
|-----------------------------------------------------------------|--------------|--------------|--------------|--------------|
| Direction                                                       | Warp<br>Back | Warp<br>Back | Warp<br>Back | Warp<br>Back |
| Color                                                           | Pale blue    | Pale blue    | Pale blue    | Pale blue    |
| Mass (g)                                                        | 12,81        | 12,78        | 12,63        | 12,52        |
| Test specimen's maximum duration of flaming (s)                 | 0,3          | 0,4          | 0,3          | 0,3          |
| Material's maximum duration of flaming inferior or equal to 2 s | Yes          |              |              |              |
| Material's maximum duration of flaming inferior or equal to 5 s | Yes          |              |              |              |
| Fall of not flaming molten drips                                | No           | No           | No           | No           |
| Fall of flaming molten drips                                    | No           | No           | No           | No           |

**6. OBSERVATIONS ABOUT TESTS****6.1.1. Tests before durability**

At the end of the electrical burner tests, a perforation without inflammation of the sample has been observed. Consequently, complementary flame persistence tests have been performed.

**6.1.2. Tests after durability**

At the end of the electrical burner tests, a perforation without inflammation of the sample has been observed. Consequently, complementary flame persistence tests have been performed.

**Trappes, October 02, 2026**



**The Head of Fire Behaviour and Fire Safety  
Department**

Signature numérique de THIBAUT CORNILLON  
Date: 02/10/2026 16:43:04

**The results, which are quoted, are only applicable to the sample, the product or material submitted to LNE and which is fully described in this document.**

**Traduction du document (Document P258069 DEC/13) réalisée par le LNE.  
La version en langue française fait foi.**

## CLASSIFICATION REPORT

Established according to the article 5 of the Department State Order dated 21 November 2002

**VALIDITY 5 YEARS from 24 June 2026**

**N° P258069 - DEC/8**

and appendix of 5 pages

**Material submitted by** MOLO DESIGN LTD  
1470 Venables street  
V5L 2G7 VANCOUVER - BRITISH COLUMBIA  
Canada

**Commercial trademark:** Glacier blue paper for molo soft collection

**Bried description:**

**Global composition:** Surface-treated fire-retardant paper

**End-use:** Furniture for Molo soft collection

**Mass:** 126,34 g/m<sup>2</sup>

**Thickness:** (0,170 ± 0,017) mm (determined by LNE)

**Colour:** Pale blue

**Test report:** N° P258069 - DEC/8 dated 24 June 2026

**Type of tests:** Determination of classification according to NF P 92-507 (February 2004)  
Electrical burner test according to NF P 92-503 (December 1995), Flame persistence test  
and speed of the spread of flame according to NF P 92-504 (December 1995)

**Classification:**

**M1**

**VALID FOR ANY APPLICATION FOR WHICH THE PRODUCT IS NOT SUBJECT TO CE MARKING**

**VALID FOR ANY APPLICATION FOR WHICH THE PRODUCT IS NOT SUBJECT TO AM18 ARTICLE FOR PULIC BUILDINGS REGULATION**

**Durability of classification (NF P 92-512 : 1986) : LIMITED TO 1 YEAR STARTING FROM ITS IMPLEMENTATION IN A REGULATED BUILDING (MATERIALS USED UNDER SHELTER FROM WEATHER)**

In view of criteria resulting from the tests described in the appended Test Report N° P258069 - DEC/8.  
To determine the classification, uncertainty on the results has not been taken into account.

The indicated classification prejudices in no way the conformity of the materials commercialized to the samples submitted to the tests and can in no way be considered as a certificate of qualification. This is not a product certification according to the L115-27 article of the consumption code and to the law dated on 3<sup>rd</sup> June 1994.

Is allowed only the integral reproduction of either this classification report consisting of this unique page, or the whole classification report with the annexed test report consisting of **6 pages**.

Trappes, June 24, 2026



**The Head of Fire Behaviour and Fire Safety Department**

**Thibaut CORNILLON**

Traduction du Document P258069 - DEC/7 réalisée par le LNE. La version en langue française fait foi

## TEST REPORT

Established according to the article 5 of the department State Order dated on 21 November 2002.

VALIDITY 5 YEARS FROM 24 June 2026

**N° P258069 - DEC/8**

### 1. PURPOSE OF TEST

The purpose of tests to which this report relates is to determine the classification of materials, in accordance with the stipulations in the order from the Ministère de l'Intérieur, dated on 21 November 2002 relating to their reaction to fire.

### 2. PROVENANCE ET CARACTERISTIQUES DES ECHANTILLONS

Characteristics attested by sponsor :

*The validity of the results may be affected by this information. For these results, LNE's responsibility is limited to its contribution to their elaboration.*

|                                  |                                                                       |
|----------------------------------|-----------------------------------------------------------------------|
| Test requested by                | : MOLO DESIGN LTD                                                     |
| Date and reference of order      | : Agreed on 18/02/2026 in accordance with quotation no. DEV2511641-V2 |
| Producer                         | : MOLO DESIGN LTD<br>Canada                                           |
| Trademark (commercial reference) | : Glacier blue paper for molo soft collection                         |
| Global composition               | : Surface-treated fire-retardant paper                                |

|           |                           |
|-----------|---------------------------|
| Mass      | : 126,34 g/m <sup>2</sup> |
| Thickness | : 0,2 mm                  |
| Colour    | : Pale blue               |

Characteristics determined by LNE :

|           |                               |
|-----------|-------------------------------|
| Mass      | : (119 ± 12) g/m <sup>2</sup> |
| Thickness | : (0,170 ± 0,017) mm          |
| Colour    | : Pale blue                   |

**report to be followed on next page**



Accréditation/Accreditation  
N° 1-0606  
Portée disponible/Scope

Certaines prestations rapportées dans ce document ne sont pas couvertes par l'accréditation. Elles sont identifiées par le symbole \*  
*Some services reported in this document are not covered by accreditation. They are identified by the symbol \**



### 3. TEST CONDITIONS

Receipt of samples: 07/05/2026

Samples conditioning prior to tests:

Samples – possibly placed on their substrate – are conditioned in a  $(23 \pm 2) ^\circ\text{C}$  and  $(50 \pm 5) \%$  relative humidity atmosphere during seven days or until constant mass is achieved (like for materials highly thick, or still humid when delivered,).

Mass is considered as constant when two successive weighings with a 24 h interval do not differ by more than 0,1 % or 0,1 g (whichever is greatest).

Test performed on : 17/06/2026

### 4. RESULTS

#### 4.1. ELECTRICAL BURNER TEST ACCORDING TO NF P 92-503 (DECEMBER 1995)

##### 4.1.1. Determination of the most adverse mode for testing

|                                                          | Sample 1      |  |  |  | Sample 2     |  |  |  | Sample 3      |  |  |  | Sample 4     |  |  |  |
|----------------------------------------------------------|---------------|--|--|--|--------------|--|--|--|---------------|--|--|--|--------------|--|--|--|
| Orientation                                              | Warp<br>Front |  |  |  | Warp<br>Back |  |  |  | Weft<br>Front |  |  |  | Weft<br>Back |  |  |  |
| Color                                                    | Pale blue     |  |  |  | Pale blue    |  |  |  | Pale blue     |  |  |  | Pale blue    |  |  |  |
| Mass (g)                                                 | 12,73         |  |  |  | 12,69        |  |  |  | 12,64         |  |  |  | 12,58        |  |  |  |
| Perforation                                              | Yes           |  |  |  | Yes          |  |  |  | Yes           |  |  |  | Yes          |  |  |  |
| Lighting time (s)                                        | –             |  |  |  | –            |  |  |  | –             |  |  |  | –            |  |  |  |
| Duration of flaming<br>after pilot flame<br>removal (s)  | –             |  |  |  | –            |  |  |  | –             |  |  |  | –            |  |  |  |
| Spread of glow ing<br>dots beyond the<br>char area       | No            |  |  |  | No           |  |  |  | No            |  |  |  | No           |  |  |  |
| Burned lenght<br>beyond 25 cm<br>after 5 min             | No            |  |  |  | No           |  |  |  | No            |  |  |  | No           |  |  |  |
| Fall of flaming<br>droplets or debris                    | No            |  |  |  | No           |  |  |  | No            |  |  |  | No           |  |  |  |
| Melting behavior,<br>fall of non-flaming<br>molten drips | No            |  |  |  | No           |  |  |  | No            |  |  |  | No           |  |  |  |
| Destroyed or<br>burned lenght<br>(mm)                    | 190           |  |  |  | 200          |  |  |  | 180           |  |  |  | 195          |  |  |  |
| Destroyed or<br>burned width<br>beyond 450 mm<br>(mm)    | –             |  |  |  | –            |  |  |  | –             |  |  |  | –            |  |  |  |

## 4.1.2. Pursuance of tests in the most adverse mode

|                                                    | Sample 5  |  |  |  | Sample 6  |  |  |  | Sample 7  |  |  |  | Sample 8  |  |  |  |                       |
|----------------------------------------------------|-----------|--|--|--|-----------|--|--|--|-----------|--|--|--|-----------|--|--|--|-----------------------|
| Orientation                                        | Warp Back |  |  |  | Warp Back |  |  |  | Warp Back |  |  |  | Warp Back |  |  |  |                       |
| Color                                              | Pale blue |  |  |  | Pale blue |  |  |  | Pale blue |  |  |  | Pale blue |  |  |  |                       |
| Mass (g)                                           | 12,69     |  |  |  | 12,73     |  |  |  | 12,52     |  |  |  | 12,58     |  |  |  |                       |
| Perforation                                        | Yes       |  |  |  | Yes       |  |  |  | Yes       |  |  |  | Yes       |  |  |  |                       |
| Lighting time (s)                                  | –         |  |  |  | –         |  |  |  | –         |  |  |  | –         |  |  |  |                       |
| Duration of flaming after pilot flame removal (s)  | –         |  |  |  | –         |  |  |  | –         |  |  |  | –         |  |  |  |                       |
| Spread of glowing dots beyond the char area        | No        |  |  |  | No        |  |  |  | No        |  |  |  | No        |  |  |  |                       |
| Burned lenght beyond 25 cm after 5 min             | No        |  |  |  | No        |  |  |  | No        |  |  |  | No        |  |  |  |                       |
| Fall of flaming droplets or debris                 | No        |  |  |  | No        |  |  |  | No        |  |  |  | No        |  |  |  |                       |
| Melting behavior, fall of non-flaming molten drips | No        |  |  |  | No        |  |  |  | No        |  |  |  | No        |  |  |  |                       |
| Destroyed or burned lenght (mm)                    | 200       |  |  |  | 185       |  |  |  | 195       |  |  |  | 185       |  |  |  | Average lenght<br>192 |
| Destroyed or burned width beyond 450 mm (mm)       | –         |  |  |  | –         |  |  |  | –         |  |  |  | –         |  |  |  | Average width<br>–    |

|                              |     |
|------------------------------|-----|
| Ignition duration $\leq 5$ s | Yes |
| Average lenght $< 350$ mm    | Yes |
| Average width $< 90$ mm      | Yes |
| Fall of flaming droplets     | No  |

**report to be followed on next page**

**4.2. FLAME PERSISTANCE TEST ACCORDING TO NF P 92-504 (DECEMBER 1995)****4.2.1. Determination of the most adverse mode for testing**

|                                                                 | Sample 1      | Sample 2     | Sample 3      | Sample 4     |
|-----------------------------------------------------------------|---------------|--------------|---------------|--------------|
| Direction                                                       | Warp<br>Front | Warp<br>Back | Weft<br>Front | Weft<br>Back |
| Color                                                           | Pale blue     | Pale blue    | Pale blue     | Pale blue    |
| Mass (g)                                                        | 12,22         | 12,32        | 12,45         | 12,44        |
| Test specimen's maximum duration of flaming (s)                 | 0,4           | 0,4          | 0,4           | 0,4          |
| Material's maximum duration of flaming inferior or equal to 2 s | Yes           |              |               |              |
| Material's maximum duration of flaming inferior or equal to 5 s | Yes           |              |               |              |
| Fall of not flaming molten drips                                | No            | No           | No            | No           |
| Fall of flaming molten drips                                    | No            | No           | No            | No           |

**4.2.2. Pursuance of tests in the most adverse mode**

|                                                                 | Sample 5     | Sample 6     | Sample 7     | Sample 8     |
|-----------------------------------------------------------------|--------------|--------------|--------------|--------------|
| Direction                                                       | Warp<br>Back | Warp<br>Back | Warp<br>Back | Warp<br>Back |
| Color                                                           | Pale blue    | Pale blue    | Pale blue    | Pale blue    |
| Mass (g)                                                        | 12,32        | 12,23        | 12,30        | 12,48        |
| Test specimen's maximum duration of flaming (s)                 | 0,4          | 0,4          | 0,5          | 0,3          |
| Material's maximum duration of flaming inferior or equal to 2 s | Yes          |              |              |              |
| Material's maximum duration of flaming inferior or equal to 5 s | Yes          |              |              |              |
| Fall of not flaming molten drips                                | No           | No           | No           | No           |
| Fall of flaming molten drips                                    | No           | No           | No           | No           |

**report to be followed on next page**

## 5. OBSERVATIONS ABOUT TESTS

At the end of the electrical burner tests, a perforation without inflammation of the sample has been observed. Consequently, complementary flame persistence tests have been performed.

Trappes, 24 June 2026



Responsible of Test

Signature numérique de MANEL CHAOUCHI  
Date: 24/06/2026 12:37:55

The results, which are quoted, are only applicable to the sample, the product or material submitted to LNE and which is fully described in this document.

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La version en langue française fait foi.