

M1 Fire Rating Certificate · France

European standard NF P 92-507

molo soft collection

deep blue paper

molo design, ltd.

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M1 · French standard NF P 92-507

molo deep 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

molo 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 july 2026

N° P258069 - DEC/10

and appendix of 6 pages

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

Commercial trademark: deep blue paper for molo soft collection

Bried description:

Global composition: Surface-treated fire-retardant paper

End-use: Furniture for Molo soft collection

Mass: 120,76 g/m²

Thickness: 0,22 mm

Colour: Deep blue

Test report: N° P258069 - DEC/10 dated 02 july 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/10.
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 3rd 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, July 02, 2026



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

Thibaut CORNILLON

Traduction du Document P258069 - DEC/9 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 july 2026

N° P258069 - DEC/10

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 Canada
Trademark (commercial reference)	: deep blue paper for molo soft collection
Global composition	: Surface-treated fire-retardant paper

Mass	: 120,76 g/m ²
Thickness	: 0,22 mm
Colour	: Deep blue

Characteristics determined by LNE :

Mass	: (117 ± 12) g/m ²
Thickness	: (0,190 ± 0,019) mm
Colour	: Deep 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: 19/02/2026

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: 09/03/2026 and 29/06/2026

(*)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 Front				Warp Back				Weft Front				Weft Back			
Color	Deep blue				Deep blue				Deep blue				Deep blue			
Mass (g)	13,05				13,08				12,94				12,86			
Perforation	Yes				Yes				Yes				Yes			
Lighting time (s)	20				20				20				20			
Duration of flaming after pilot flame removal (s)	1				1				1				0			
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)	195				185				195				190			
Destroyed or burned width beyond 450 mm (mm)	–				–				–				–			

4.1.2. Pursuance of tests in the most adverse mode

	Sample 5				Sample 6				Sample 7				Sample 8				
Orientation	Warp Front				Warp Front				Warp Front				Warp Front				
Color	Deep blue				Deep blue				Deep blue				Deep blue				
Mass (g)	13,05				12,78				12,97				13,02				
Perforation	Yes				Yes				Yes				Yes				
Lighting time (s)	20				20				20				20				
Duration of flaming after pilot flame removal (s)	1				0				1				1				
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)	195				180				210				195				Average lenght 195
Destroyed or burned w idth beyond 450 mm (mm)	—				—				—				—				Average w idth —

Ignition duration ≤ 5 s	Yes
Average length < 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 Front	Warp Back	Weft Front	Weft Back
Color	Deep blue	Deep blue	Deep blue	Deep blue
Mass (g)	12,54	12,68	12,64	12,65
Test specimen's maximum duration of flaming (s)	0,4	0,4	0,4	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

4.2.2. Pursuance of tests in the most adverse mode

	Sample 5	Sample 6	Sample 7	Sample 8
Direction	Warp Front	Warp Front	Warp Front	Warp Front
Color	Deep blue	Deep blue	Deep blue	Deep blue
Mass (g)	12,54	12,61	12,61	12,68
Test specimen's maximum duration of flaming (s)	0,4	0,4	0,4	0,5
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

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 Front				Warp Front				Warp Front				Warp Front				
Color	Deep blue				Deep blue				Deep blue				Deep blue				
Mass (g)	12,81				13,21				13,14				13,06				
Perforation	Yes				Oui				Oui				Oui				
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)	160				150				150				155				Average lenght 154
Destroyed or burned w idth beyond 450 mm (mm)	–				–				–				–				Average w idth –

Ignition duration ≤ 5 s	Yes
Average Length < 350 mm	Yes
Average width < 90 mm	Yes
Fall of flaming droplets	No

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

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	Sample 1	Sample 2	Sample 3	Sample 4
Direction	Warp Front	Warp Front	Warp Front	Warp Front
Color	Deep blue	Deep blue	Deep blue	Deep blue
Mass (g)	12,81	12,84	12,83	12,90
Test specimen's maximum duration of flaming (s)	0,3	0,3	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, July 02, 2026



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

Signature numérique de THIBAUT CORNILLON
Date: 02/07/2026 15:38:01

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/9) réalisée par le LNE.
La version en langue française fait foi.**