

CLASSIFICATION REPORT

(free translation of French test report N°N031067 – DE/1)
established according to the article 5 of the Department State Order dated on 21 november 2002.

VALIDITY 5 YEARS FROM 13 July 2012**N°N031067 - DE/2**

And appendix of 4 pages

Material submitted by : POLYREY SAS
24150 BANEUIL
FRANCE

Commercial trademark : POLYREY HPL ININFLAMABLE

Brief description :
Global composition : High pressure decorative laminate made up of Kraft sheets stacking, impregnated with phenolic resin, coated with a plain decorative paper or printed overlay impregnated with melamin resin. The material is flame retarded in the mass.

End-use : Interior design, furniture, wall covering, transportation, offices, kitchen...

Mass : (1420) kg/m³
Thickness : (0,8 - 20 ± 0,5) mm
Colour : White maple tree

Test report : N°N031067 - DE/2 dated on 13 July 2012

Type of tests : Heat radiation test.

Classification : **M1**

Durability of classification (appendix 22) : NOT LIMITED A PRIORI

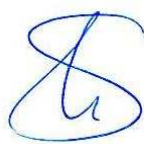
In view of criteria resulting from the tests described in the appended Test Report N°N031067 - DE/2

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.

Note : Only full reproduction and by photocopy of the present classification report or the whole classification report and the appended lost report are authorized

Trappes, 13 July 2012

**The Head of Fire Behaviour
and Fire Safety Department****Sophie THIEFRY****Test Officer
Marc LE QUERE
Responsible for Test****Emilie COLIN**Accréditation
N° 1-0606
Portée disponible
sur www.cofrac.fr**Laboratoire national de métrologie et d'essais**

Établissement public à caractère industriel et commercial • Siège social : 1, rue Gaston Boissier - 75724 Paris Cedex 15 • Tél. : 01 40 43 37 00
Fax : 01 40 43 37 37 • E-mail : info@lne.fr • Internet : www.lne.fr • Siret : 313 320 244 00012 • NAF : 743 B • TVA : FR 92 313 320 244
Barclays Paris Centrale IBAN : FR76 3058 8600 0149 7267 4010 170 BIC : BARCFRPP

Annex page 1

TEST REPORT

(free translation of French test report N°N031067 – DE/1)

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

VALIDITY 5 YEARS FROM 13 July 2012

N°N031067 - DE/2

And appendix of 3 pages

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 28 August, 1991 relating to their reaction to fire.

2. SAMPLES SUBMITTED

Test sponsor	:	POLYREY SAS
Date of order	:	N°4800037669 dated on 2012-05-30
Producer	:	POLYREY SAS
Distributor	:	
Trademark (commercial reference)	:	POLYREY HPL ININFLAMABLE
Global Composition	:	High pressure decorative laminate made up of Kraft sheets stacking impregnated with phenolic resin, coated with plain decorative paper or printed overlay impregnated with melamin resin. The matériel is flame retarded in the mass.
Characteristics attested by sponsor :		
Mass	:	(1420) kg/m ³
Thickness	:	(0,8 - 20 ± 0,5)
Color	:	White maple tree

The test report is following next page

Only full reproduction or of the present document are authorized.
For any difficulties in the interpretation of this document, please refer to original text in French (dossier N°N031067 - DE/1) which is the only authentic one. It contains 4 pages.

Appendix page 2

**TEST PROCEDURES AND CLASSIFICATION ON TENSE MATERIALS OR MADE SUCH (STICKED)
OF ALL THICKNESS AND FLEXIBLE MATERIALS WITH THICKNESS HIGHER THAN 5 MM
(EXCEPT FILTERING MEDIA)**

1. MAIN TEST(S) : HEAT RADIATION TESTS (NF P 92-501 : 1995))

These test consist in submitting the samples, in clearly defined conditions, to the actions of a radiating heat source and producing : ignition of the released gases, flame propagation.
The sample (30x40 cm) inclined at 45° is submitted to a clearly defined radiation, emitted by an electric radiator, whose surface is 30 mm below the surface of the test sample. The released gases pass in contact with gas ignitors located on either side of the test sample. The duration of the test is 20 minutes.

2. COMPLEMENTARY TEST(S)

NONE

3. SAMPLES CONDITIONING

The samples submitted with normal dimensions are kept in a conditioned enclosure (23 ± 2 °C and 50 ± 5 % RH) until their mass has stabilized. The mass is considered as stabilized when 2 successive weighings over 24 h do not differ more than 0,1 % or 0,1g.

4. CLASSIFICATION OF MATERIALS (NFP 92-507 : 2004)

It is established according to the above test. Combustible materials are classified M1, M2, M3, M4.

Only the materials classified M1 without effective ignition during the heat radiant test can claim to the M0 classification.

5. DURABILITY (NFP 92-512 : 1986)

According to the NF P 92-512 this material is not a priori the subject of durability test.

The test report is following next page

Appendix page 3

6. RÉSULTS

6.1 HEAT RADIATION TEST

	Sample 1	Sample 2	Sample 3	
First ignition time (s) exposed side (ti1)	–	–	–	
First ignition time (s) non exposed side (ti2)	–	–	–	
Total flame height Σh (cm)	0	0	0	
Total burning time $\Sigma \Delta T$	0	0	0	Average =
$Q = \frac{100 \times \Sigma H}{\pi \sqrt{\Sigma \Delta T}}$	0	0	0	0
Non flaming drops fall	No	No	No	
Flaming drops fall	No	No	No	

	Sample 1	Sample 2	
First ignition time (s) exposed side (ti1)	–	–	
First ignition time (s) non exposed side (ti2)	–	–	
Total flame height Σh (cm)	0	0	
Total burning time $\Sigma \Delta T$	0	0	Average =
$Q = \frac{100 \times \Sigma H}{\pi \sqrt{\Sigma \Delta T}}$	0	0	0
Non flaming drops fall	No	No	
Flaming drops fall	No	No	

The test report is following next page

	Sample 1	Sample 2	Sample 3	
First ignition time (s) exposed side (ti1)	–	–	–	
First ignition time (s) non exposed side (ti2)	–	–	–	
Total flame height Σh (cm)	0	0	0	
Total burning time ΣΔT	0	0	0	Average =
$\varnothing = \frac{100 \times \sum H}{n \sqrt{\sum \Delta T}}$	0	0	0	0
Non flaming drops fall	No	No	No	
Flaming drops fall	No	No	No	

The test report is following next page

Appendix page 5

7. OBSERVATIONS ABOUT TESTS

NONE.

Receipt of samples : 2012-07-03

End of tests : 2012-07-10 to 11

8. CONCLUSION AND CLASSIFICATION

In view of the results, the material with the characteristics described in the first page of this test report has the classification

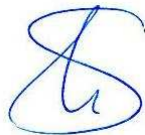
M1

9. CLASSIFICATION DURABILITY

NOT LIMITED A PRIORI

Trappes, 13 July 2012

The Head of Fire Behaviour
and Fire Safety Department



Sophie THIEFFRY



Test Officer
Marc LE QUERE
Responsible for Test



Emilie COLIN

Attention is attracted to the fact that the results obtained with the samples described in the present test report are not generalizable without justification of the representativity of samples and tests.