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CLASSIFICATION REPORT

(free translation of French test report N° P153691 - DE/2)
established according to the article 5 of the Department State Order dated on 21 November 2002.

VALIDITY 5 YEARS FROM 27 May 2016

N° P153691 - DE/3

And appendix of 5 pages

Material submitted by : Molo Design, ltd
1503 Venables St.
V5L2J7 VANCOUVER British Columbia

Commercial trademark : DUPONT TYVEK

Brief description :
Global composition : Non woven 100% polyethylene fire proofed on surface.
End-use : Space partition
Mass : (95± 10%) g/m²
Thickness : (0.104± 10%) mm
Colour : White

Test report : N° P153691 - DE/3 dated on 27 may 2016

Type of tests : Electric burner test NF P 92-503 (December 1995), flame spread
NF P 92-507 (February 2004) test NF P 92-504 (December 1995), accelerated ageing NF P 92-512 (May 1986).

Classification :

M1

Durability of classification (NF P 92-512 : 1986) : APPARENTLY NOT LIMITED NOT LIMITED : NON WASHABLE ITEM

In view of criteria resulting from the tests described in the appended Test Report N° P153691 - DE/3

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: It is only allowed to reproduce this unique page as an integral photocopy or the whole classification report and the annexes that contains **5 pages**.

Trappes, 27 May 2016



Head of Energy, Environment,
Combustion Division

Noëlle LOFERME PEDESPAN



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Appendix page 1

TEST REPORT

(free translation of French test report N° P153691 – DE/2)

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

VALIDITY 5 YEARS FROM 27 May 2016

N° P153691 - DE/3

And appendix of 4 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 on 21 November 2002 relating to their reaction to fire.

2. SAMPLES SUBMITTED

Test requested by	:	Molo Design, ltd
Date and reference of order	:	Good agreement on 16/02/2016 on Proforma invoice
Producer	:	Molo Design, ltd
Trademark (commercial reference)	:	DUPONT TYVEK
Global Composition	:	Non woven 100% ployéthylène fire proofed on surface.
Characteristics attested by sponsor :		
Mass	:	50 g/m ²
Thickness	:	0.005 mm
Color	:	white
Caractéristiques déterminées by LNE :		
Masse	:	(95 ± 10 %) g/m ²
Thickness	:	(0.104 ± 10 %) mm
Color	:	White

Report to be followed on next page

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3. TEST CONDITIONS

Receipt of samples : 2016-02-11

Samples conditioning prior to tests :

Samples are conditioned prior to the test into a (23 ± 2) °C and (50 ± 5) % relative humidity atmosphere, during seven days or until mass stabilization (case of humid or high thickness materials).

Mass is considered stabilized when two successive weighings, spaced out by 24 h, don't alter by more than 0,1 % or 0,1 g (the highest mass value is taken).

Accelerated ageing in climatic room (NF P 92-512) : this test is sub-contracted to IFTH, COFRAC accredited laboratory.

Test performed on : 7/03/2016 and 26/05/2016

4. RESULTS BEFORE DURABILITY TEST(S)**4.1. ELECTRIC BURNER TEST**

	Sample 1	Sample 2	Sample 3	Sample 4	
Orientation	Vertical 0	Vertical 0	Horizontal 0	Horizontal 0	
Color	White	White	White	White	
Piercing	Yes	Yes	Yes	Yes	
Duration of flaming after pilot flame removal(s)	-	-	-	-	-
Spread of glow ing dots beyond the char area	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)	310	230	275	260	Average lenght 269

Ignition duration \leq 5s	Yes
Average Lenght < 350 mm	Yes
Inflamed falling drippings	No

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5.2. FLAME SPREAD TEST

	Sample 1	Sample 2	Sample 3	Sample 4
Color	White	White	White	White
Duration of flaming after ISO 6940 burner removal	No	No	Yes	Yes
Material's maximum duration of flaming inferior or equal to 2s	Yes			
Material's maximum duration of flaming inferior or equal to 5s	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

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Appendix page 5

6. OBSERVATIONS ABOUT TESTS

7. 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

To state the classification, the uncertainty associated with the result has not been explicitly taken into account.

8. CLASSIFICATION DURABILITY

APPARENTLY NOT LIMITED NOT LIMITED : NON WASHABLE ITEM

Trappes, 27 May 2016



Head of Energy, Environment,
Combustion Division



Noëlle LOFERME PEDESPAN

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.