

Le progrès, une passion à partager

LABORATOIRE DE TRAPPES
29 avenue Roger Hennequin – 78197 Trappes Cedex
Tél. : 01 30 69 10 00 – Fax : 01 30 69 12 34**CLASSIFICATION REPORT FOR
FIRE BEHAVIOUR OF A MATERIAL**(free translation of French test report P107800 – DE/1)
Established according to the Department State Order dated on 21 november 2002**VALIDITY 5 YEARS FROM 27 MAY 2013****N° P107800 - DE/2**

and 4 pages appendices

Material submitted by : DICKSON SAINT CLAIR
SAINT CLAIR DE LA TOUR
415, avenue de Savoie
38110 SAINT CLAIR DE LA TOUR

Commercial trademark : LAC 650 SL

Brief description :

Composition : Polyester fabric coated on both sides of plasticized and fireproofed in mass PVC

Mass : (680 ± 10 %) g/m²

Thickness : (0,51 ± 10 %) mm

Colours : Various

Test report : N° P107800 - DE/2 dated on 27 May 2013

Type of tests : Electric burner test

Classification : **M2**

Durability of classification (NF P 92-512 : 1986) : **NON LIMITED IN THEORY**

Considering the criteria resulting from the tests described in the appended Test Report N° P107800 - 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. **It contains 5 pages.**

Trappes, 27 May 2013

The Head of Fire Behaviour
and Fire Safety Department

Sophie THIEFFRY

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

Appendix page 1

TEST REPORT

(free translation of French test report P107800-DE/1)
Established according to the Department State Order dated on 21 november 2002

VALIDITY 5 YEARS FROM 13 May 2013

N° P107800 - DE/2

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. ORIGIN AND CHARACTERISTICS OF SUBMITTED SAMPLES

. Test sponsor	:	DICKSON SAINT CLAIR
. Date of order	:	Order N° ° AC0027768 dated on 2013-04-11
. Producer	:	DICKSON SAINT CLAIR
. Distributor	:	
. Commercial trademark and reference	:	LAC 650 SL
. Characteristics attested by sponsor	:	
Global composition	:	Polyester fabric coated on both sides of plasticized PVC and fireproofed in mass PVC
Mass	:	(680 ± 10 %) g/m ²
Thickness	:	(0,51 ± 10 %) mmv
Colours	:	Various
. Characteristics observed by LNE	:	Conform as those declared by the sponsor
Global composition	:	non controled

3. TEST PROCEDURES AND RESULTS

The test report is following next page

**Only full reproduction of the complete document is authorised.
For any difficulties in the interpretation of this document, please refer to original text
in French (Dossier P107800 - Document DE/1) which is the only authentic one.
It contains 5 pages.**

**TEST PROCEDURES FOR CLASSIFICATION OF FLEXIBLE MATERIALS
WITH THICKNESS LOWER THAN 5 mm AND FLEXIBLE FILTERS WITH ALL THICKNESSES**

1. ELECTRIC BURNER TEST (NF P 92-503 : 1995)

This test consists in submitting the samples to the triple action of :

- a heat radiance
- hot gases sweeping the surface of sample and promoting the eventual effects of flame spread,
- a pilot flame applied at different times in order to ignite the material.

The decisive elements are the duration of lighting and the destroyed length measured from the bottom edge of the sample.

2. COMPLEMENTARY TESTS

NONE

3. SAMPLES CONDITIONING

The samples submitted with normal dimensions are kept in a conditioned enclosure (23 ± 2 °C and 50 ± 5 % RH) until constant mass. The mass is considered as constant when 2 successive weighings with a 24 h interval are not different for more than 0.1% or 0.1 g.

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

It is established further to the electric burner test (and eventually by complementary tests).

Materials are classified in categories M1, M2, M3, M4.

Only the materials classified M1 with the electric burner test (no lighting for more than 5 seconds after the withdrawal of the pilot flame) can claim to the M0 classification .

The test report is following next page

4. TESTS RESULTS

4.1. Electric burner

	Sample 1				Sample 2				Sample 3				Sample 4				
Orientation	Warp Right side				Weft Right side				Weft Wrong side				Warp Wrong side				
Colour	Black				Blue				White				Black				
Piercing (hole)	Yes				Yes				Yes				Yes				
Lighting time (secondes)	45	-	-	-	75	-	-	-	45	-	-	-	45	-	-	-	
Duration of lighting after the withdrawal of the pilot flame (seconds)	56	-	-	-	64	-	-	-	16	-	-	-	59	-	-	-	
Duration of lighting higher than 5 s.	Yes																
Flaming falling drips or fragments	No				No				No				No				
Non-flaming falling drips	No				No				No				No				
Smoke quantity	Medium				Medium				Medium				Medium				Smoke colour : Grey
Destroyed or burned length (cm)	20,0				24,0				21,0				32,0				Average length L = 24,2
Average length within 0 and 35 cm	Yes																
Average length within 35 and 60 cm	No																

4.2. Complementary tests

NONE

The test report is following next page

Appendix page 7

5. **OBSERVATIONS ABOUT TESTS**

Date for receipt of samples : 2013-04-15

Date of tests :2013-04-23

Electrique burner test before durability

The specimens ignited at 45, 105, 45 and 45 seconds. They continue to burn, emitting gray smoke more than 5 seconds after removal of the pilot flame.

6. **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 **M2.**

7. **CLASSIFICATION DURABILITY**

NON LIMITED IN THEORY

Trappes, 27 May 2013



The Head of Fire Behaviour
and Fire Safety Department

Sophie THIEFFRY

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