

CLASSIFICATION REPORT

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

VALIDITY 5 YEARS from 15 December 2023

N° P235437 - DEC/18

and appendix of 5 pages

Material submitted by PROCEDES CHENEL
70 Rue Jean Bleuzen
92170 VANVES
France

Commercial trademark: DROP PAPER 137 gr

Bried description:
Global composition: Blend of cellulose fibres and polyester bonded with a binder, coated on one side and treated with a flame retardant foulardage process.
End-use: Temporary architecture, kakemono, partition, banner, lighting...
Mass: 137 g/m²
Thickness: 0,26 mm
Colour: White

Test report: N° P235437 - DEC/18 dated 15 December 2023
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

Durability of classification (NF P 92-512 : 1986) : A PRIORI UNLIMITED

In view of criteria resulting from the tests described in the appended Test Report N° P235437 - DEC/18.
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 **6 pages**.

Trappes, December 15, 2023



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

Thibaut CORNILLON

Traduction du Document P235437 - DEC/17 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 15 December 2023

N° P235437 - DEC/18

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	: PROCEDES CHENEL 70 Rue Jean Bleuzen 92170 VANVES France
Date and reference of order	: According to quotation N°DEV2310762-V1 dated 27/09/2023
Producer	: AHLSTROM BRIGNOUD France
Trademark (commercial reference)	: DROP PAPER 137 gr
Global composition	: Blend of cellulose fibres and polyester bonded with a binder, coated on one side and treated with a flame retardant in mass.

Mass : 137 g/m²

Thickness : 0,26 mm

Colour : White

Characteristics determined by LNE :

Mass : (136 ± 14) g/m²

Thickness : (0,270 ± 0,027) mm

Colour : White

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: 27/10/2023

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: 01/12/2023

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 Front				Warp Back				Weft Front				Weft Back			
Color	White				White				White				White			
Mass (g)	14,11				13,69				14,05				13,99			
Perforation	Yes				Yes				Yes				Yes			
Lighting time (s)	20	45			20				20	45			20	45		
Duration of flaming after pilot flame removal (s)	1	1			2				1	2			2	1		
Spread of glow ing 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)	220				200				195				185			
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	Weft Front				Weft Front				Weft Front				Weft Front				
Color	White				White				White				White				
Mass (g)	14,05				13,86				13,88				14,00				
Perforation	Yes				Yes				Yes				Yes				
Lighting time (s)	20	45			–				135				20	45			
Duration of flaming after pilot flame removal (s)	1	2			–				1				1	2			
Spread of glow ing 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				140				200				200				Average lenght 184
Destroyed or burned w idth beyond 450 mm (mm)	–				–				–				–				Average w idth –

4.2. FLAME PERSISTENCE 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	White	White	White	White
Mass (g)	14,06	14,07	14,08	14,07
Test specimen's maximum duration of flaming (s)	0,5	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 Front	Warp Front	Warp Front	Warp Front
Color	White	White	White	White
Mass (g)	14,06	14,24	14,09	14,06
Test specimen's maximum duration of flaming (s)	0,5	0,3	0,3	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

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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, December 15, 2023



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

Thibaut Cornillon

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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