

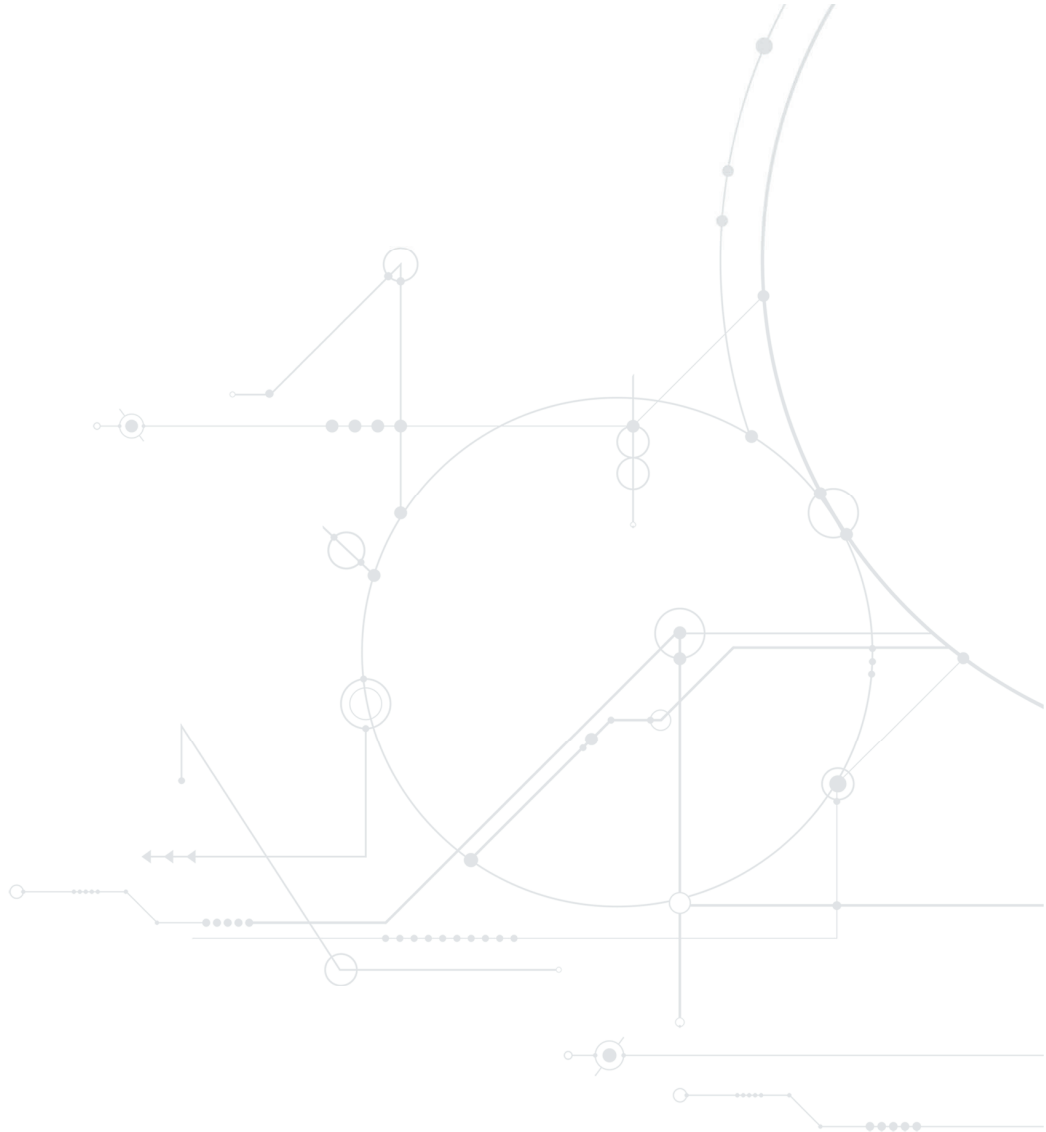
MAIS DE 30 ANOS
A CONVERTER
CONHECIMENTO
EM VALOR

Laboratório de Fumo e Fogo



Reaction to Fire Tests

Classification Report No. LFF.2021.096



IPAC is a signatory to the EA MLA and ILAC MRA for testing.
The presented results refer exclusively to tested specimens.
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Reaction to Fire Tests
Classification Report No. LFF.2021.096

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0. DOCUMENT CONTROL AND IDENTIFICATION

0.1 DOCUMENT IDENTIFICATION

Project	---
Document Name	Classification Report No. LFF.2021.096
Document File Name	---

0.2 VERSION CONTROL

Version	Edition	Revision	Date	Description	Approved by
1	1	0	2021-03-26	Original version	AM

0.3 AUTHOR(S)

Name	Entity	Initials
Anabela Martins - Laboratory Technical Director	INEGI	AM

0.4 REVISER(S)

Name	Entity	Initials

0.5 LABORATORY TECHNICIANS(S)

Name	Entity	Initials
Bruno Nogueira - Laboratory Technician	INEGI	BN

0.6 DISTRIBUTION LIST

Name	Entity	Initials
Laboratório de Fumo e Fogo	INEGI	LFF

0.7 IDENTIFICATION

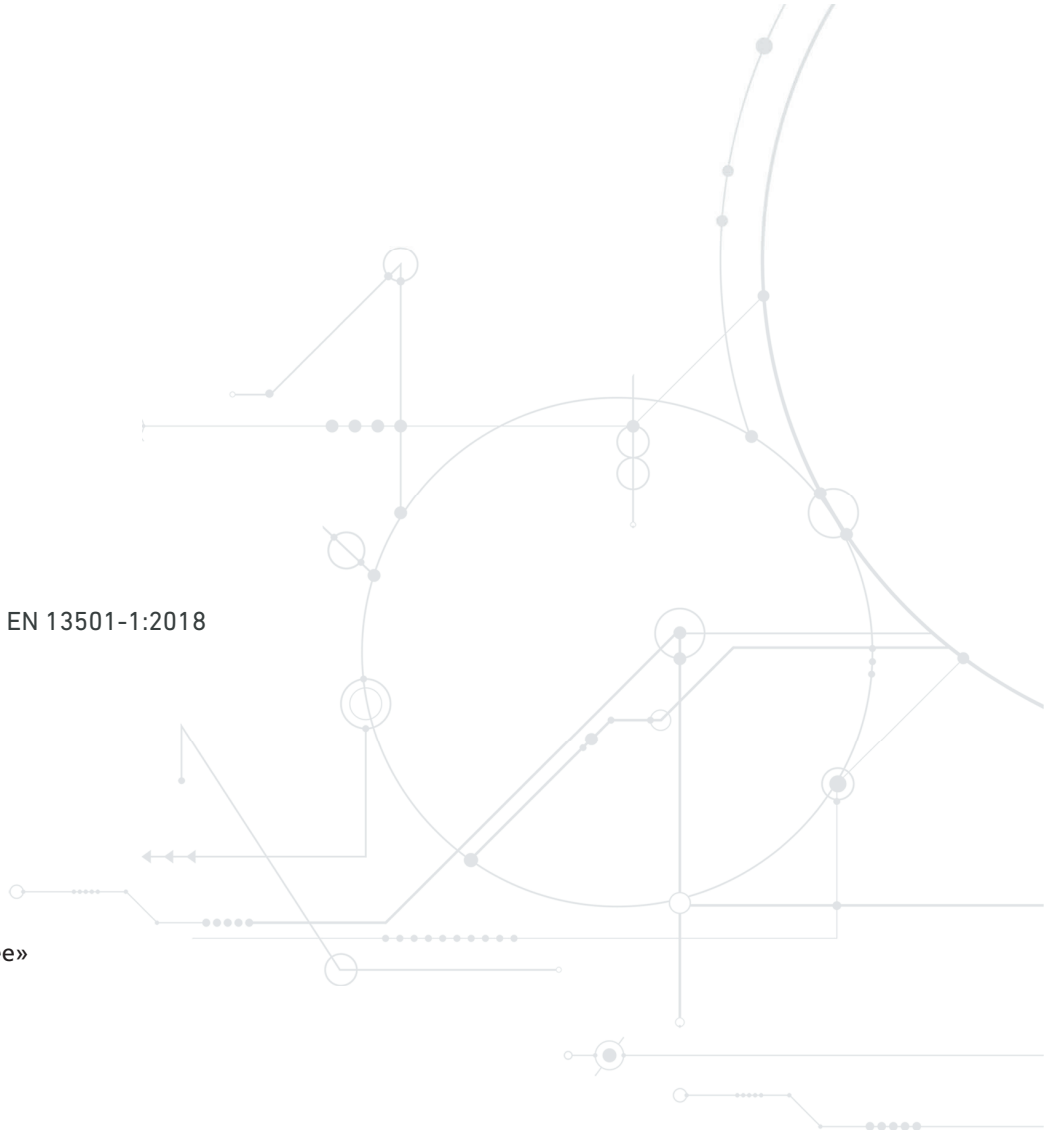
Request: Classification according to EN 13501-1:2018

Request Reference: PE30210370

Request Date: 2021-03-19

Material Reference: '«Luflex PVC free»

Report Date: 2021-03-26



INDEX

1. INTRODUCTION	6
2. DETAILS OF PRODUCT CONCERNED	6
3. TEST REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION	6
4. CLASSIFICATION.....	7
5. LIMITATIONS	8

1. INTRODUCTION

This report concerns the classification of a product with the reference «Luflex PVC free», using test data from reaction to fire tests, in accordance with the procedures given in EN 13501-1:2018.

2. DETAILS OF PRODUCT CONCERNED

2.1 General

Product name: «Luflex PVC free»

Type of product: coated fabric.

2.2 Product description

Coated fabric for digital printing/advertising.

Reception date: 2021-03-19

Test date: 2021-03-23 and 2021-03-25

3. TEST REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

3.1 Reports

Name of the laboratory	Name of the sponsor	Report Ref. Number	Test method	Date
INEGI - LFF		LFF.2021.096.01	EN ISO 11925-2:2020	26/03/2021
INEGI - LFF		LFF.2021.096.02	EN 13823:2010 A1 November 2014	26/03/2021

Test specimens were conditioned according to EN 13238 before the reaction to fire test.

3.2 Results

Report Ref. Number Test method	Parameter	Number of tests	Results	Compliance with the parameters
LFF.2021.096.01	Fs – vertical flame spread	6 - surface flame impingement (30 s)	Fs < 150 mm within 60s	Compliant
EN ISO 11925-2: 2020	Flaming droplets/particles	and	No	Compliant
	Ignition of the filter paper	6 - edge flame impingement (30 s)	No	Compliant
LFF.2021.096.02	FIGRA _{0.2 MJ} (W/s)		3.2	Compliant
EN 13823:2010	THR _{600 s} (MJ)	3	0.7	Compliant
A1 November 2014	Smoke production		s1	Compliant
	Flaming droplets		d0	Compliant

FIGRA: Fire growth rate THR: Total heat release TNR: Threshold not reached

4. CLASSIFICATION

4.1 Reference of classification

This classification has been carried out in accordance with EN 13501-1:2018.

4.2 Classification

The product «Luflex PVC free», in relation to its reaction to fire, is classified as :

Fire behaviour		Smoke Production		Flaming droplets
B	-	s	1	, d 0

4.3 Field of application

This classification is valid for a coated fabric, for digital printing/advertising, with the reference «Luflex PVC free»

5. LIMITATIONS

All the information on this document regarding the product description and application has been supplied by the sponsor at no responsibility by INEGI's laboratory.

This classification document does not represent any type of approval or certification of the product.

This document is valid for 5 (five) years provided that the product, field of application, standards and regulations are not changed.

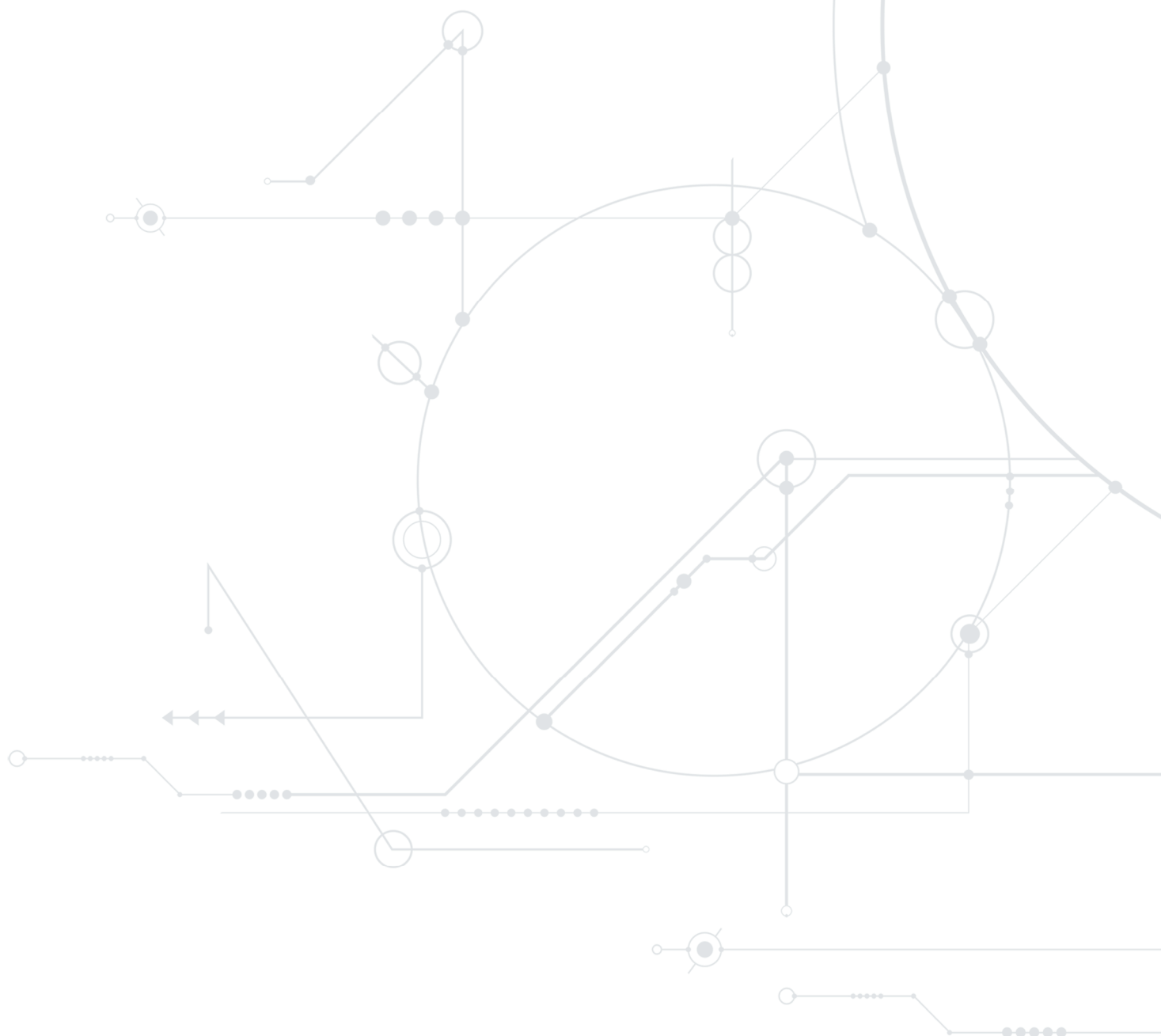
Porto, March 26th, 2021



Anabela Martins

Laboratory Technical Director

[Assinatura Qualificada] Digitally signed by [Assinatura
Qualificada] Anabela Outeiro Martins
Anabela Outeiro Martins Date: 2021.03.26 11:10:30 Z



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**INEGI - Instituto de Ciência e Inovação
em Engenharia Mecânica e Engenharia Industrial**

Campus da FEUP | Rua Dr. Roberto Frias, 400 | 4200-465 Porto | PORTUGAL
T. +351 22 957 87 10 | F. +351 22 953 73 52 | inegi@inegi.up.pt

www.inegi.up.pt

