

LFF - Laboratório de Fumo e Fogo

L02541 Ensains

Test Report n. º 25/LFF/13

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## **TEST REPORT**

1 1 Identification

Customer: Gierlings Velpor, S.A:

Adress: Portela Alta

Água Long

4825 - 109 Água Longa

Request: Fire Reaction Classification According French Standards

Material: Velvet with reference 8931

Request Reference: Letter

Request Date: 2013-07-08

Reception Date: 2013-07-10

Test Date: 2013-07-25

Report: 25/LFF/13

#### 2 - Scope

The tests reported concern the determination of the fire reaction class for a velvet 100% cotton with reference 8931, to be used as curtains and upholstery furniture.





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# 3 - Methodology

The tests were performed as indicated in the NF P 92-503 issued on December 1995. The classification method was applied according to the standard NP P 92-507 of February 2004.

#### 4 - Specimens

The specimens were prepared in this laboratory from a sample supplied by the client and had the following dimensions:

Specimen	Length (mm)	Width (mm)	Thickness (mm)	Mass (g) 43.8	
25/LFF/13/01	599	179	1.62		
25/LFF/13/02	601	181	1.67	45.0	
25/LFF/13/03	601	180	1.61	44.7	
25/LFF/13/04 600		179	1.65	44.1	

Before being tested the specimens were conditioned for a period of 366 hours at 23  $\pm$  2  $^{\circ}$ C and  $50 \pm 5$  % relative humidity.





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## 5 - Results and classification

The tests performed on the electric burner (NF P 92 503) in both sides, produced the following results:

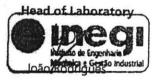
Specimens	25LFF/13/01		25LFF/13/02		25LFF/13/03			2515542454				
	#=						23CFF/13/03			25LFF/13/04		
Time of igniter actuation	В	E	D	В	E	D	В	E	D	В	E	D
20 " - 25 "								1			1	
45 " - 50 "											<del>                                     </del>	+==
1'15 " - 1'20 "											1	+=
1′ 45 " - 1' 50 "								<b></b>				+=
2' 15 " - 2' 20 "												
2' 45 " - 2' 50"												
3' 15 " - 3' 20 "												
3' 45 " - 3' 50 "												
4' 15" - 4' 20 "												
4' 45 " - 4' 50 "												
Length burnt (mm)		176			181			171			183	
Width burnt (mm)	47		49		47		51					
Time of max. inflam. (s)	0		0		0		0					
Average length inflammati	on (m	m)					7		17	0	U	
Average width burnt (mm)						178 48						

In view of whole results the material must be classified as M1.

# 6 - Complementary observations

During the accomplishment of the tests it was observed a low release of grey smokes.

Porto, July 26, 2013





# LANTAL

Santo Tirso, 25 October 2022

### **Commitment letter**

I, César Carvalho, as director of quality at Lantal Textiles S.A., can guarantee that neither yarn or chemical product was altered in the production of the article 8931, since 2012. For that reason, we consider the report nr 25/LFF/13 from INEGI as valid.

**LANTAL TEXTILES S.A.** 

ésar Carvalho

César Carvalho Quality Manager

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