

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.

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)
25/LFF/13/01	599	179	1.62	43.8
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 ± 2 °C and 50 ± 5 % relative humidity.

5 - Results and classification

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

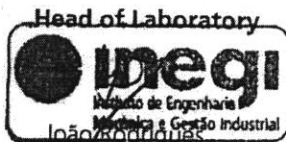
Specimens	25LFF/13/01			25LFF/13/02			25LFF/13/03			25LFF/13/04		
	B	E	D	B	E	D	B	E	D	B	E	D
Time of igniter actuation												
20 " - 25 "	---	---	---	---	---	---	---	---	---	---	---	---
45 " - 50 "	---	---	---	---	---	---	---	---	---	---	---	---
1' 15 " - 1' 20 "	---	---	---	---	---	---	---	---	---	---	---	---
1' 45 " - 1' 50 "	---	---	---	---	---	---	---	---	---	---	---	---
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 inflammation (mm)							178					
Average width burnt (mm)							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



An uncertainty related to the test equipment is available to the applicant for consultation.
The presented results refer exclusively to tested specimens.
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