

FIRE REACTION TEST

Orientation test

Customer: FLAMEPROOFINGS Ltd – THOR UK

Test Controller: R. BERTHELON, Performance Chemicals Laboratory.

SAMPLE REFERENCE

N°1 100% Pes blue fabric sample ref Cashmere quality –colour : Ocean Blue

TEST METHOD: Inflammability of the flexible material.

Electric Burner Test in line with NF P92-503.  
Samples are not conditioned.

*If a hole appears during the electric burner test a flame propagation test is carried out in line with NF P92-504.*

Flame Propagation Test in line with NF P92-504.  
Samples are not conditioned.

**CLASSIFICATION:**

From the results of the electric burner test and the flame propagation test are given the following classification:

**CATEGORY**  
Sample N°1 : M2

*The results provided are indicative only.  
This document must in no instance be used to give an official classification to the material tested.*

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**Electric Burner Test  
in line with NF P 92-503**

The pilot flame is applied after 20 s, 45 s, 75 s, 105 s, 135 s, ... up to 315 seconds.

**RESULTS OF THE SAMPLE N°1**

Test sample	Instant of the inflammation	Duration of inflammation after removal of pilot flame	Length destroyed	Width destroyed between 45 and 60 cm	Hole formation	Fall of drops	
						not inflamed	inflamed
N°1 (warp – blue Pes side)	20 sec	18 sec	25 cm	/	no	no	no
	75 sec	52 sec					
N°2 (weft – blue Pes side)	20 sec	60 sec	32 cm	/	no	no	no
N°3 (warp – white side)	20 sec	3 sec	17 cm	/	no	no	no
	45 sec	8 sec					
N°4 (weft – white side)	20 sec	20 sec	16 cm	/	no	no	no
	45 sec	10 sec					

Average of destroyed length : 22,5 cm

Presence of smoke                      degree                      = a lot

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