

Probo Sign BV
t.a.v. Thys de Vries
Fortuinweg 17
9101 PE Dokkum

Hengelo (ov), 31-1-2018

Test Specimen:	Specimen:	Colour:	Client reference number:
	A.	RED	Stile 85 gram/m2 100% Polyester FR

Examination:	Test number:	Test Name:
	1.	Reaction fire tests used for flexible materials (NF P 92-503).
	2.	Flame persistence test (NF P 92-504).

Results See following pages


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Test : 1. Reaction fire tests used for flexible materials.

Norm : NF P 92-503 (1995)

Apparatus : Electrical burner.

- Thickness of the specimens \leq 5 mm.
- The specimens were not washed and not submitted to an accelerated ageing.
- Tested specimens: two in length direction and two in breadth direction.
- Only the front face (colour face) was tested.

Results test 1 specimen:	Sample A.	
Test specimen nr. / Eprouvette n°	1	2
Test direction / Sens des éprouvettes	Length	Width
Colour / Coloris	Red	Red
Exposed face / Face exposée	Side	Towards
Weight before test / Poids avant l'essai (g)	8,0	8,1
Moment Inflammation / Moment d'inflammation	-	-
Duration inflammation / Durée d'inflammation	-	-
Burned length from bottom edge (cm) / Longueur détruite à partir du bord inférieur (cm)	18	17
Not-burned drops and parts / Apparition de gouttes non enflammées	No	No
Smoke development / Importance des fumées	Yes	Yes
Length destroyed / Longuer détruite (cm)	13	12
Width destroyed / Largeur détruite (cm)	5	5
Burned width (cm) (in zone > 45 cm <60cm)	-	-
Largeur moyenne entre 45 cm et 60 cm	-	-

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Test : 2. Flame persistence test

Norm : NF P 92-504 (1995)
Apparatus : Electrical burner.

↑ Thickness of the specimens \leq 5 mm.

↑ The specimens were not washed and not submitted to an accelerated ageing.

Only the front face (colour face) was tested.

Results test 1 specimen:	Sample A.	
	1	2
Test specimen nr. / Eprouvette n°	1	2
Test direction / Sens des éprouvettes	Wrap	Weft
Colour / Coloris	Red	Red
Exposed face / Face exposée au Bruleur	Side	Towards
Persistence of flame (duration) / Persistance de la flamme (durée)	No	No
Burning droplets / Chute de gouttes enflammées	No	No

Observations

- Inflammation of the specimen / l'inflammation de l'éprouvette
- The propagation of the flame on the material / La propagation de le flamme sur le matériau
- Non falling droplets / Les chutes de gouttes enflammées ou non

Classification in function of FD P 92-507 (1997)

After the orientation test in according to the standards NF P 92-503 and NF P 92-504 (Flame persistence) the sample could be classified as M1. For an official classification You should do a Full test.

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