

Informationen

zur Zertifizierung nach französischer Norm M1

Stoffe • brussel Farb-Nr. 040.xx (ausgeschlossen sind: 040.09/040.27/LV-040.58)

Zertifikat-Nummer: **22.06680.01**

Gültigkeit bis 15.01.2028

Bestätigung Die Firma erfal bestätigt, dass dieser Qualität das Zertifikat **22.06680.01** zugrunde liegt.



Jörg Erler
Geschäftsführer

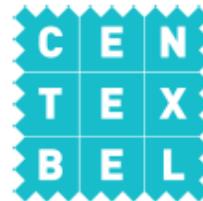
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Van Clewe Sun Protection GmbH
Loikumer Straße 20
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Germany

Your notice of
12-12-2022

Your reference

Date
16-01-2023

Analysis Report 22.06680.01

Required tests :

NF P92-507 (2004)

Sample id	Information given by the client	Date of receipt
T2224876	Antares	12-12-2022

Gina Créelle
Order responsible

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The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples.
In assessing compliance with the specifications, we did not take into account the uncertainty on the test results.



Reference: T2224876 - Antares

Classification of materials according to their reaction to fire - "Electric burner"

Date of ending the test 12-01-2023
 Standard used NF P92-503 (1995)
 Product standard NF P92-507 (2004)

Deviation from the standard -

Dimension of the specimens 600 mm x 180 mm x < 1 mm
 Weight (g/m²) 243

The test specimens have not been cleaned nor submitted to an accelerated ageing procedure

Conditioning 23°C, relative humidity 50%
 Minimum 7 days or until constant mass is achieved

	Length		Width	
	Face A	Face B	Face A	Face B
Hole formation	yes	yes	yes	yes
Max. afterflame time (s)	1	0	2	0
Afterglow	yes	yes	yes	yes
Afterglow with propagation in area > 25 cm	no	no	no	no
Damaged length (cm)	19.0	15.5	17.5	18.0
Damaged width (cm) in area >45 cm	0	0	0	0
Flaming molten droplets	no	no	no	no
Non-flaming molten droplets	no	no	no	no
Flaming debris	no	no	no	no
Non-flaming debris	no	no	no	no
Average damaged length (cm)	17.5			
Average damaged width (cm) in area > 45 cm	0			



Reference: T2224876 - Antares

Classification of materials according to their reaction to fire - "Flame persistence test"

Date of ending the test 13-01-2023
Standard used NF P92-504 (1995)
Product standard NF P92-507 (2004)

Deviation from the standard -

Dimension of the specimens 460 mm x 230 mm x < 1 mm
Weight (g/m²) 243

The test specimens have not been cleaned nor submitted to an accelerated ageing procedure

Conditioning 23°C, relative humidity 50%
Minimum 7 days or until constant mass is achieved

Each test has been carried out with a flame application time of 5s.

	Length		Width	
	Face A	Face B	Face A	Face B
#1	*	*	*	*
#2	*	*	*	*
#3	*	*	*	*
#4	*	*	*	*
#5	*	*	*	*
#6	*	*	*	*
#7	*	*	*	*
#8	*	*	*	*
#9	*	*	*	*
#10	*	*	*	*

Flaming debris no
Non-flaming debris yes

*: afterflame time \leq 2 s
> 2 s: afterflame time > 2 s and \leq 5 s
> 5 s: afterflame time > 5 s



Reference: T2224876 - Antares

Classification of materials according to their reaction to fire - "Test for melting materials"

Date of ending the test 16-01-2023
Standard used NF P92-505 (1995)
Product standard NF P92-507 (2004)

Deviation from the standard -

Dimension of the specimens 70 mm x 70 mm x 1 mm
Number of layers 2
Weight (g/m²) 243

The test specimens have not been cleaned nor submitted to an accelerated ageing procedure

Conditioning 23°C, relative humidity 50%
Minimum 7 days or until constant mass is achieved

Four specimens, two on both sides, have been tested .

		First ignition (s)	Non-flaming debris	Flaming debris	Ignition cotton wool	Mass (g)
#1	face A	26	no	no	no	2.5
#2	face A	29	no	no	no	2.5
#3	face B	*	no	no	no	2.6
#4	face B	43	no	no	no	2.6

* no ignition

Classification M1