

certificate of testing

client Richloom Bailey Plant
100 Bailey Plant Rd
Clinton, SC 29325
product identification Wallace (100% FR Polyester)

test method performed standard methods of fire test for flame propagation of textiles and films nfpa 701 – 2019,
test method 1
date of test 2.7.2023

test results

specimen	mass initial (g)	mass final (g)	mass loss (%)	flaming drip (s)	after flame (s)
1	31.9	31.1	3%	0.0	0.0
2	32.0	31.7	1%	0.0	0.0
3	31.7	31.1	2%	0.0	0.0
4	31.8	30.6	4%	0.0	0.0
5	31.7	30.6	3%	0.0	0.0
6	32.0	28.8	10%	1.0	0.0
7	31.5	28.4	10%	0.0	0.0
8	32.0	31.0	3%	0.0	0.0
9	31.8	30.1	5%	0.0	0.0
10	32.2	31.7	2%	0.0	1.0
avg	31.9	30.5	4%	0.1	0.1

notes

approximate material weight 15.1 ounces per square yard
standard deviation 3.2%
mean + 3 standard deviations 14.0%
product configuration single layer multi layer
results reported initially other:
conditioning oven 220°F, 30 minutes 70 ±3.5°F, 50 ±5% rh for 24h
sampling as received
intended end use drapery other:

acceptance criteria *after flame is required to be recorded but the standard does not factor it in the failure criteria*

1. flaming drip cannot exceed an average of 2 seconds per specimen for the sample of 10 specimens
2. the average weight loss of the 10 specimens in a sample shall be 40 percent or less
3. no individual specimen's percent mass loss shall deviate more than 3 standard deviations from the mean for the 10 specimens

conclusion

based upon the test results and acceptance criteria listed above, the product identified
 passes
 fails
 requires retesting of 10 additional specimens

certification statement by signing below, the lab certifies that the results were obtained after testing specimens submitted by the client in accordance to the procedures and equipment specified by the standard stated above.

approved by: 

This report is confidential and prepared for the exclusive use of the client to whom they are addressed. It may not be reproduced or published without prior written approval. The results apply only to the samples tested may not necessarily reflect product performance under actual use. The results are representative of similar goods only to the extent that the sample tested is representative of those goods.

certificate of testing

client Richloom Bailey Plant
 100 Bailey Plant Road
 Clinton, SC 29325

product identification Perina

test method performed international maritime organization (imo) fire test procedures (ffp) code – 2010, annex 1
 part 7 – test for vertically supported textiles and films

date of test 2.20.2024

test results

	specimen	after flame (s)	after glow (s)	surface flash (y/n)	edge reached (y/n)	ignition of cotton wool (y/n)	char length (mm)	test conducted
warp	1	0.0	0.0	n	n	n	89	<input type="checkbox"/> 5s face ignition
	2	0.0	0.0	n	n	n	103	<input type="checkbox"/> 15s face ignition
	3	0.0	0.0	n	n	n	75	<input type="checkbox"/> 5s edge ignition
	4	0.0	0.0	n	n	n	118	<input checked="" type="checkbox"/> 15s edge ignition
	5	0.0	0.0	n	n	n	127	
	avg	0.0	0.0				102	
fill	6	0.0	0.0	n	n	n	95	
	7	0.0	0.0	n	n	n	113	
	8	0.0	0.0	n	n	n	127	
	9	0.0	0.0	n	n	n	116	
	10	0.0	0.0	n	n	n	95	
	avg	0.0	0.0				109	

test information

test conditions 70 ±3.5°F, 50 ±5% relative humidity
 conditioning time 70 ±4°F, 65 ±5% relative humidity minimum 24 hours
 ignition source 40mm propane gas flame
 side tested face back face + back
 cleaning / weathering used none
 sampling as received
 date samples received 2/19/2024

client provided information

manufacturer / supplier not provided
 manufacturer address not provided
 product end use drapery / curtains
 sampling procedure not provided
 fabric composition 44% FR poly, 56% poly
 pick / end count not provided
 yarn number count not provided
 thickness of fabric not provided
 weight of fabric not provided
 color and tone white
 flame retardant treatment not provided

acceptance criteria

- | | |
|--|---|
| <p>face ignition</p> <ul style="list-style-type: none"> after flame ≤5 seconds for any specimen no flame propagation to the edges for any specimen | <p>face or edge ignition</p> <ul style="list-style-type: none"> no ignition of cotton wool for any specimen average char length ≤150mm for either test direction no occurrence of a surface flash for more than 100mm from the point of ignition |
|--|---|

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certificate of testing

conclusion

based upon the test results and acceptance criteria listed above, the product identified

- meets the requirements of the FTP code annex 1 part 7
- does not meet the requirements of the FTP code annex 1 part 7

certification statement by signing below, the lab certifies that the results were obtained after testing specimens submitted by the client in accordance to the procedures and equipment specified by the standard stated above.

approved by: *J. Freund*

**The IMO FTP code states that "the test results relate to the behavior of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire haze of the product in use"*

appendix

determination of test conditions

flame application time	surface				edge			
	5		15		5		15	
	w	f	w	f	w	f	w	f
after flame (s)	0	0	0	0	0	0	0	0
after glow (s)	0	0	0	0	0	0	0	0
surface flash	n	n	n	n	n	n	n	n
edge reached	n	n	n	n	n	n	n	n
ignition cotton wool	n	n	n	n	n	n	n	n
char length (mm)	47	46	56	54	99	50	85	103

- sustained ignition occurred (after flame \geq 5 seconds)
- no sustained ignition: testing continued under conditions showing the greatest damaged length



Flooralytics
719 Century Ave SW
MI 49503 GRAND RAPIDS
United States

Your notice of
26-04-2024

Your reference
04222024-1

Date
04-06-2024

Analysis Report 24.02347.07

Required tests :

NF P92-507 (2004)

Sample id	Information given by the client	Date of receipt
T2408836	Wallace	26-04-2024

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.

INRICHTING ERKEND BIJ TOEPASSING VAN DE BESLUITWET VAN 30 JANUARI 1947 / ETABLISSEMENT RECONNU PAR APPLICATION DE L'ARRÊTÉ-LOI DU 30 JANVIER 1947



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Analysis Report 24.02347.07
Date 04-06-2024
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INRICHTING ERKEND BIJ TOEPASSING VAN DE BESLUITWET VAN 30 JANUARI 1947 / ETABLISSEMENT RECONNU PAR APPLICATION DE L'ARRÊTÉ-LOI DU 30 JANVIER 1947

Samples

T2408836
Wallace



Samples



Reference: T2408836 - Wallace

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

Date of ending the test 04-06-2024
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 2 mm
Number of layers 1
Weight (g/m²) 472

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	front	*	yes	no	no	2.6
#2	front	*	yes	no	no	2.5
#3	back	*	yes	no	no	2.4
#4	back	*	yes	no	no	2.5

* no ignition

Classification M3



Reference: T2408836 - Wallace

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

Date of ending the test 24-05-2024
 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 2 mm
 Weight (g/m²) 472

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	
	Front	Back	Front	Back
Hole formation	yes	yes	yes	yes
Max. afterflame time (s)	12	9	12	20
Afterglow	no	no	no	no
Afterglow with propagation in area > 25 cm	no	no	no	no
Damaged length (cm)	18.5	21.5	21.0	20.5
Damaged width (cm) in area >45 cm	0	0	0	0
Flaming molten droplets	yes	yes	yes	yes
Non-flaming molten droplets	yes	yes	yes	yes
Flaming debris	no	no	no	no
Non-flaming debris	no	no	no	no
Average damaged length (cm)	20.5			
Average damaged width (cm) in area > 45 cm	0			