

TEST REPORT

Job No./Report No TR987033 RV-3

Date:25 August 2017

Page 1 of 7

ZIMMER + ROHDE GmbH

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To the attention of Melike Altuna

The following sample(s) was (were) submitted and identified by/on behalf of the client as:

Sample No.	Sample Description
A	Woven fabric in ecru

Client's reference No. : TR 987033 RV-3
 Buyer : Not Provided
 Order No. : Not Provided
 Model/Style No. : 10734 FLUX (DG108)
 Article No. : 10734 FLUX (DG108)
 Age Grade : Not Provided
 Manufacturer : ZIMMER + ROHDE GmbH
 Country of Origin : TURKEY
 Country of Destination : EUROPE
 Shipment Date : Not Provided
 Fiber Composition : Claimed to be 100%POLYESTER
 Fabric Weight : Claimed to be 128 g/m²
 End Use : Not Provided
 Agency : Not Provided
 Sample Receiving Date : 3 August 2016
 Test Performing Period : 3 August 2016 ~ 16 August 2016- 06 April 2017 / 22 June 2017

Submitted Care Label Instructions :



Overall Conclusion : See Results

Test Results : Please refer to the next page(s).

Performed Test Summary: Selected test(s) as requested by client against Client's performance standard.

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Page 2 of 7

Test Parameters	Result
Physical tests	A1
M1(the thickness up to 5 mm soft material)	*

Remarks	:	M = Meets client's requirement
		F = Below client's requirement
		I = Inconclusive
		* = No specified requirement
Notes:	Conclusions on meet/fail are based on the test result from the actual sampling of the received sample(s).	
	Residual sample can be returned to client if requested.	

The test results relate to the tested items only.
Test reports without SGS seal and authorised signatures are invalid.
Reported results do not include uncertainties.

Issued in Istanbul
Signed for and on behalf of
SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

**IN THIS REVISED-3 REPORT, PHONE, FAX INFORMATION WERE ADDED AND MODEL, ARTICLE NUMBER WERE CHANGED BY THE REQUEST OF THE APPLICANT.
THIS REPORT SUPERSEDES OUR REPORT NO: 987033-RV2 DATED 22.06.2016**

Tuğba Mert
Customer Services Supervisor

Arzu Yılmaz
Customer Services Team Leader



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Member of SGS Group (Société Générale de Surveillance)

Test Results:

Conclusion:

Classification: M1

I. Test conducted

This test was conducted according to NF P 92-507:2004 Fire safety-building-interior fitting materials - Classification according to their reaction. And the test methods as following:

1. NF P92-503:1995 Safety against fire Building materials – Reaction to fire tests Electrical burner test used for flexible materials
2. NF P 92-504:1995 Safety against fire –Building materials –Reaction to fire tests –Flame persistence test and speed of the spread of flame.

II. Details of classified product

Sample description	WOVEN FABRIC
Color	White
Density	About 122 g/m ²
Specimen size	About 600mm×180mm (NF P92-503:1995) About 460mm×230mm (NF P92-504:1995)

III. Conditioning

Prior to testing, the sample was conditioned,

In an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5% for 7 days or until constant mass is obtained. The mass is considered as constant when two successive weightings 24 hours apart do not differ by more than 0.1% or 0.1 g (take the highest mass value).

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IV. Test results
i) NF P92-503:1995 Electrical burner test

 Exposed face identification: Face, Orientation: Weft (if applicable)

During the testing, the following details are noted	Sample 1	Sample 2	Sample 3	Sample 4
Hole (Yes/No)	Yes	Yes	Yes	Yes
Max. afterflame time after withdrawal the pilot flame (s)	0	0	0	0
Afterglow time (s)	--	--	--	--
Flaming molten droplets (Yes/No)	No	No	No	No
Non-flaming molten droplets (Yes/No)	No	No	No	No
Flaming debris (Yes/No)	No	No	No	No
Non-flaming debris (Yes/No)	No	No	No	No
White-hot spots with propagation effects (Yes/No)	No	No	No	No

After testing, the following details are noted;	Sample 1	Sample 2	Sample 3	Sample 4
Max. destruction length from the lower edge (cm)	17	18	18	47
Average length (cm)	17.5			
Max. width of the destroyed zones between 450mm and 600mm from the test piece lower edge (cm)	ND	ND	ND	ND
Average width (cm)	ND			

Remark: "ND" indicates Non-detected.

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ii) NF P 92-504:1995 Flame spread test

	Specimen 1	Specimen 2	Specimen 3	Specimen 4
Flame persistence after withdrawal the burner (Yes/No)	No	No	No	No
Flame persistence time (seconds)	0	0	0	0
Flaming molten droplets (Yes/No)	No	No	No	No
Non-flaming molten droplets (Yes/No)	No	No	No	No

Annex I, Requirements

Table 1 Resume of classification for flexible materials which thickness no more than 5mm

Test Items	Criteria of classification				
Test for hot melt materials		Not ignite the wadding	Not ignite the wadding	Ignite the wadding	Ignite the wadding
Electrical Burner Test ^{a)}	No drops	Non-flaming molten droplets	Flaming drops or debris	Non-flaming molten droplets	Flaming drops or debris
Inflammation ≤ 5s	M1	M1	M2	M4	M4
Inflammation > 5s and Average destroyed length <350 mm	M2	M2	M3	M4	M4
Inflammation > 5s and Average destroyed width <90 mm between the 450 mm and 600 mm in length	M3	M3	M4	M4	M4
Flame Spread Test			M4	M4	M4

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(flame spread < 2 mm/s)				
^{a)} If the materials presented a particular behaviour, the classification also need to refer to Table 3. The details of classification M0 refer to clause 3.3 of NF P 92-507:2004.				

Table 3 Resume of classification for the materials presented a particular behaviour

Test Items	Criteria of classification				
		Not ignite the wadding	Not ignite the wadding	Ignite the wadding	Ignite the wadding
Test for hot melt materials					
Flame Persistence Test	No drops	Non-flaming molten drops	Flaming drops or debris	Non-flaming molten drops	Flaming drops or debris
Flame persistence time ≤ 2s	M1	M1	M2	M4	M4
Flame persistence time ≤ 5s	M2	M2	M3	M4	M4
Flame persistence time > 5s and Flame Spread < 2 mm/s	M3	M3	M4	M4	M4

This test had been performed at SGS ANJI laboratory as subcontract.

STATEMENTS:

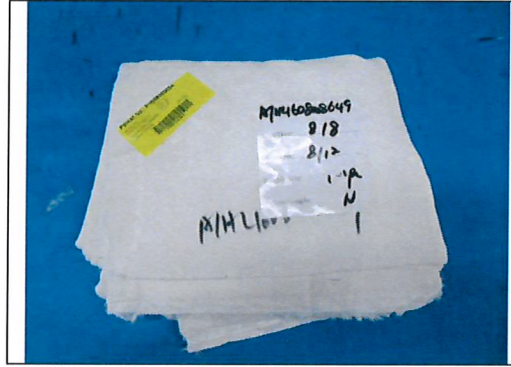
The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test. They are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

The test results relate only to the specimens of the product in the form in which were tested. Small differences in the composition or thickness of the product may significantly affect the performance during the test and may therefore invalidate the test results. Care should be taken to ensure that any product, which is supplied or used, is fully represented by the specimens, which were tested.

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Photo Appendix:



SGS authenticate the photo on original report only

* * * End of Test Report * * *

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