

**Laboratory of Chemical Testing
and Instrumental Analysis**

The ŁUKASIEWICZ Research Network – Textile Research Institute
92-103 Łódź, 5/15 Brzezinska Str.
phone No +48 42 61-63-130 (128), fax +48 42 61-63-131
e-mail: jerzy.piestrzeniewicz@iw.lukasiewicz.gov.pl,
agnieszka.lisiak-kucinska@iw.lukasiewicz.gov.pl

Łódź, 16th February 2022

L-44/2022

TEST CERTIFICATE No BCH 44/86/2022/A

1. **Name and address of the principal ^{X)}:** „TOPTEXTIL” Sp. z o.o.
ul. Mickiewicza 29, 34-100 Wadowice
2. **Subject of study ^{X)}:** sample of furniture upholstery fabric BUNNY, material composition:
100 % polyester
3. **Date of receiving sample for testing:** 31.01.2022
4. **Date of the test conducting:** 14.02 - 15.02.2022
5. **Sampling:** sample in a proper size, in a proper condition for research, supplied by
the customer

RESULTS OF THE TESTS

Tested feature	Result of the test [degree]	Reference document	Test conditions	Level of requirements for categories according to PN- EN 14465:2005 + A1:2007		
				A	B	C
Colour fastness to: - <i>dry rubbing</i> : ¹⁾ longitudinal direction cross direction - <i>wet rubbing</i> : ¹⁾ longitudinal direction cross direction	a/ 5 a/ 5 a/ 4-5 a/ 4-5	PN-EN ISO 105- X12:2016-08	- time of acclimatisation: 4 h - temperature of the test: 21.7 °C - humidity of the test: 20.6 % - rubbing pick: Ø 16 ± 0.1 mm - push: 9 ± 0.2 N - degree of moisturising of the rubbing fabric: 100 %	≥ 4-5 ≥ 3-4	≥ 4 ≥ 3	≥ 3-4 ≥ 2-3

¹⁾ Colour fastness according to “Grey scale”, indicator “5” means – no change in colour in cotton rubbing fabric, indicator “1” means – big change in colour
a/ staining - the cotton rubbing fabric

Remarks:

1. Test results refer only to the tested material.
2. Neither of the parts of this test certificate can be copied without written permission of the Head of the Laboratory.
3. ^{X)} Data provided by the principal/customer.
4. Total number of pages of the test certificate: 2.

Authorized by:
Gabriela Pałucka M. Eng.



Confirmed by:

Laboratorium Badań Chemicznych
i Analiz Instrumentalnych
LIDER OBSZARU
KIEROWNIK

mgr inż. Jerzy Piastreniewicz

Number of copies of the test certificate: 3

The test certificate receive:

- Customer - 2 copies
- The ŁUKASIEWICZ Research Network – Textile Research Institute – BCH - 1 copy

- THE END -

**Laboratory of Chemical Testing
and Instrumental Analysis**

The ŁUKASIEWICZ Research Network – Textile Research Institute
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e-mail: jerzy.piestrzeniewicz@iw.lukasiewicz.gov.pl,
agnieszka.lisiak-kucinska@iw.lukasiewicz.gov.pl

Łódź, 16th February 2022

L-44/2022

TEST CERTIFICATE No BCH 44/86/2022/A/1

1. **Name and address of the principal ^{X)}:** „TOPTEXTIL” Sp. z o.o.
ul. Mickiewicza 29, 34-100 Wadowice
2. **Subject of study ^{X)}:** sample of furniture upholstery fabric BUNNY, material composition:
100 % polyester
3. **Date of receiving sample for testing:** 31.01.2022
4. **Date of the test conducting:** 02.02 - 15.02.2022
5. **Sampling:** sample in a proper size, in a proper condition for research, supplied by
the customer

RESULTS OF THE TESTS

Tested feature	Result of the test [degree]	Reference document	Test conditions	Level of requirements for categories according to PN- EN 14465:2005 + A1:2007		
				A	B	C
Colour fastness to: - artificial light ¹⁾	a/ 3-4	PN-EN ISO 105- B02:2014-11 Method 2	- device: Xenotest Alpha + - light conditions: A1 - radiation measurement in the range 300-400 nm - sample rotation was not applied	≥ 6	≥ 5	≥ 4

¹⁾ Colour fastness according to “Blue scale”, indicator “8” means – no change in colour, indicator “1” means – big change in colour
a/ change in colour of the sample

Remarks:

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4. Total number of pages of the test certificate: 2.

Authorized by:
Gabriela Pałucka M. Eng.



Confirmed by:

Laboratorium Badań Chemicznych
i Analiz Instrumentalnych
LIDER OBSZARU
KIEROWNIK

mgr inż. Jerzy Piestrzeniewicz

Number of copies of the test certificate: 3

The test certificate receive:

- Customer - 2 copies
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- THE END -



Łukasiewicz

**Instytut Włókiennictwa
Laboratory of Testing Raw Materials, Textiles
and Electrostatic Properties**

Łukasiewicz Research Network – Textile Research Institute,
92-103 Łódź, 5/15 Brzezińska Str., phone 48 42 6163142, fax 48 42 6792638
90-520 Łódź, 118 Gdańska Str., phone 48 42 2534419, fax 48 42 2534490
e-mail: beata.witkowska@iw.lukasiewicz.gov.pl ,
jerzy.andrysiak@iw.lukasiewicz.gov.pl



AB 164

Testing Laboratory accredited by the Polish Centre for Accreditation

TEST REPORT NO. BM 44.1.3 / 2022 / B / A

- 1. Test ordered by:** X „TOPTEXTIL” Sp. z o.o., 29 Mickiewicza Street, 34-100 Wadowice
- 2. Name and description of tested material:** the sample: X the upholstery product BUNNY grey, declared raw material composition: 100% Polyester.
- 3. Date of receiving material for testing:** 2022-01-28
- 4. Date of test performance:** 2022-02-03
- 5. Samples taken by:** X correct sample size in appropriate state for testing, taken by the Client and delivered without the Sampling Protocol
- 6. Tests carried out according to:** methods presenting in testing table

Results of Laboratory Tests

see page 2/2

Test performed by: Elżbieta Olczak

- 1. Test results refer only to the tested material.*
- 2. Neither of the parts of this Test Report can be copied without written permission of the Head of the Laboratory. It can be copied only as a whole document.*
- 3. Test Report presents test results included within accreditation field of testing.*
- 4. Test results not included in accreditation scope, if occur, are marked with* in the test results table, at the parameter name.*
- 5. Test Report consists of test results carried out in location 90-520 Łódź, ul. Gdańska 118 (G) / 92-103 Łódź, ul. Brzezińska 5/15 (B).*
- 6. Measurement uncertainty, if it is specified, has been determined according to the recommendations presented in document EA-4/16. Presented values of uncertainty constitute expanded uncertainty at 95% confidence level and coverage factor k = 2.*
- 7. Laboratory uses the requirements of ILAC-G8:09/2019. The conformity statement of test result with requirements specification takes place, when the test results together with expanded uncertainty does not exceed the tolerance limit of the specification. The conformity statement's rules given by Client could be allowed.*

Test Report date: 2022-02-16

Number of Test Report 's copies: 2

Test Report handed to:

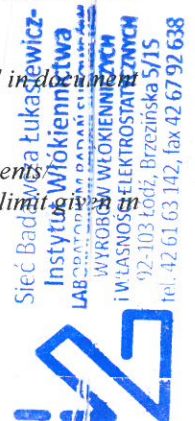
- 1) „TOPTEXTIL” Sp. z o.o., Wadowice - 1 copy,
- 2) Laboratory of Testing Raw Materials, Textiles and Electrostatic Properties (location: 5/15 Brzezińska str.) - 1 copy.

Test Report prepared by:
Patrycja Bąk

Person authorizing the Test Report:

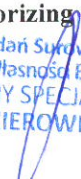
Laboratorium Badań Surowców, Wytworów
Włókienniczych i Własności Elektrostatycznych
GŁÓWNY SPECJALISTA
Z-CA KIEROWNIKA

mgr inż. Jerzy Andrysiak



TEST REPORT NO. BM 44.1.3 / 2022 / B / A

Parameter	Value	Remarks	
Propensity to surface fuzzing and pilling, grade	the number of rubs 500	PN-EN ISO 12945-2:2002 (modified Martindale method) sample conditioned according to PN-EN ISO 139:2006 + A1:2012, temp. 20° C ± 2 °C, RH: 65% ± 4%, number of test specimens: 3, number of evaluators: 3, the abradant: the standard woolen fabric; mass of weight: (415 ± 2) g.	
	1 000		
	2 000		3 – 4 moderate surface fuzzing
	5 000		3
<u>Evaluation</u> according to PN-EN 14465:2005+A1:2007: A category: grade ≥ 4 – 5; B category: grade 4; C category: grade 3 – 4; D category: grade 3			

Person authorizing the Test Report
 Laboratorium Badań Szwarców, Włókien i Własności Elektrostatycznych
 Włókienniczych i Własności Elektrostatycznych
 GŁÓWNY SPECJALISTA
 Z-CIA KIEROWNIKA

 mgr inż. Jerzy Andrysiak

_____ **The end of Test Report** _____



Łukasiewicz

Instytut Włókiennictwa Laboratory of Testing Raw Materials, Textiles and Electrostatic Properties

The Łukasiewicz Research Network – Textile Research Institute,
92-103 Łódź, 5/15 Brzezińska Str., phone 48 42 6163142, fax 48 42 6792638
90-520 Łódź, 118 Gdańska Str., phone 48 42 2534419, fax 48 42 2534490
e-mail: beata.witkowska@iw.lukasiewicz.gov.pl,
jerzy.andrysiak@iw.lukasiewicz.gov.pl

TEST REPORT NO. BM 44.1.4 / 2022 / B

1. **Test ordered by:**^X „TOPTEXTIL” Sp. z o.o., 29 Mickiewicza Street, 34-100 Wadowice
2. **Name and description of tested material:**^X the sample: **the upholstery product BUNNY grey**, declared raw material composition: 100% Polyester.
3. **Date of receiving material for testing:** 2022-01-28
4. **Date of test performance:** 2022-02-09÷10
5. **Samples taken by:**^X correct sample size in appropriate state for testing, taken by the Client and delivered without the Sampling Protocol
6. **Tests carried out according to:** methods presenting in testing table

Results of Laboratory Tests

see page 2/2

Test performed by: Elżbieta Olczak

1. *Test results refer only to the tested material.*
2. *Neither of the parts of this Test Report can be copied without written permission of the Head of the Laboratory. It can be copied only as a whole document.*
3. *Test Report consists of test results carried out in location 90-520 Łódź, ul. Gdańska 118 (G) / 92-103 Łódź, ul. Brzezińska 5/15(B).*
4. *Measurement uncertainty, if it is specified, has been determined according to the recommendations presented in document EA-4/16. Presented values of uncertainty constitute expanded uncertainty at 95% confidence level and coverage factor $k = 2$.*
5. *Laboratory uses the requirements of ILAC-G8:09/2019. The conformity statement of test result with requirements/specification takes place, when the test results together with expanded uncertainty does not exceed the tolerance limit given in specification. The conformity statement's rules given by Client could be allowed.*

Test Report date: 2021-11-30

Number of Test Report 's copies: 2

Test Report handed to:

- 1) „TOPTEXTIL” Sp. z o.o., Wadowice - 1 copy.
- 2) Laboratory of Testing Raw Materials, Textiles and Electrostatic Properties (location: 5/15 Brzezińska str.) - 1 copy.

Test Report prepared by:

Patrycja Bąk

Person authorizing the Test Report

Laboratorium Badań Surowców, Wyrobów
Włókienniczych i Własności Elektrostatycznych
GŁÓWNY SPECJALISTA
Z-CIA KIEROWNIKA

mgr inż. Jerzy Andrysiak



Instytut Włókiennictwa Łukasiewicz
Wydział Badań Surowców i Własności Elektrostatycznych
92-103 Łódź, Brzezińska 5/15
tel. 42 61 63 142, fax 42 67 97 638

TEST REPORT NO. BM 44.1.4 / 2022 / B

Parameter	Result	Test method
Resistance to drawing out the threads for longitudinal direction, degree Resistance to drawing out the threads for cross direction, degree	4 – 5 4	PN-79/P-04664 conditioned sample, sample conditioned according to PN-EN ISO 139:2006 + A1:2012, temp. 20° C ± 2 °C, RH: 65% ± 4%, device for testing resistance to drawing out the threads: Shirley ICI Mace snag tester, England, number of the template used for sewing: 2, number of the roller revolutions: 600, number of tested specimens: 2 for each direction <u>Assessment according to photographic standard:</u> degree 5: very good resistance to drawing out the threads (without puffs), degree 4: good resistance to drawing out the threads, degree 3: sufficient resistance to drawing out the threads, degree 2: insufficient resistance to drawing out the threads, degree 1: very poor resistance to drawing out the threads.

Laboratorium Badawczych i Własności Włókienniczych i Własności Elektrostatycznych
Person authorizing the Test Report
 GŁÓWNY SPECJALISTA
 Z-CIA KIEROWNIKA

mgr inż. Jerzy Andrysiak

_____ **The end of Test Report** _____



Łukasiewicz

**Instytut Włókiennictwa
Laboratory of Testing Raw Materials, Textiles
and Electrostatic Properties**

Łukasiewicz Research Network – Textile Research Institute,
92-103 Łódź, 5/15 Brzezińska Str., phone 48 42 6163142, fax 48 42 6792638
90-520 Łódź, 118 Gdańska Str., phone 48 42 2534419, fax 48 42 2534490
e-mail: beata.witkowska@iw.lukasiewicz.gov.pl ,
jerzy.andrysiak@iw.lukasiewicz.gov.pl



AB 164

Testing Laboratory accredited by the Polish Centre for Accreditation

TEST REPORT NO. BM 44.1.1 / 2022 / B / A

- Test ordered by:** X „TOPTEXTIL” Sp. z o.o., 29 Mickiewicza Street, 34-100 Wadowice
- Name and description of tested material:** the sample: X the upholstery product BUNNY grey, declared raw material composition: 100% Polyester.
- Date of receiving material for testing:** 2022-01-28
- Date of test performance:** 2022-02-04 ÷ 14
- Samples taken by:** X correct sample size in appropriate state for testing, taken by the Client and delivered without the Sampling Protocol
- Tests carried out according to:** methods presenting in testing table

Results of Laboratory Tests

see page 2/2

Test performed by: Elżbieta Olczak

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- Measurement uncertainty, if it is specified, has been determined according to the recommendations presented in document EA-4/16. Presented values of uncertainty constitute expanded uncertainty at 95% confidence level and coverage factor $k = 2$.
- Laboratory uses the requirements of ILAC-G8:09/2019. The conformity statement of test result with requirements specification takes place, when the test results together with expanded uncertainty does not exceed the tolerance limit given in specification. The conformity statement's rules given by Client could be allowed.

Test Report date: 2022-02-16

Number of Test Report 's copies: 2

Test Report handed to:

- „TOPTEXTIL” Sp. z o.o., Wadowice - 1 copy,
- Laboratory of Testing Raw Materials, Textiles and Electrostatic Properties (location: 5/15 Brzezińska str.) - 1 copy.

Test Report prepared by:

Patrycja Bąk

Person authorizing the Test Report:

Laboratorium Badań Surowców, Wytrobów
Włókienniczych i Własności Elektrostatycznych
GŁÓWNY SPECJALISTA
Z-CA KIEROWNIKA

mgr inż. Jerzy Andrysiak

Siedziba Łukasiewicz-Instytut Włókiennictwa
LABORATORIUM BADAŃ SUROWCÓW, WYTRÓBÓW WŁÓKIENNICZYCH I WŁASNOŚCI ELEKTROSTATYCZNYCH
90-520 Łódź, ul. Gdańska 118 (G) / 92-103 Łódź, ul. Brzezińska 5/15 (B) tel. 42 61 63 142, fax 42 67 92 638



TEST REPORT NO. BM 44.1.1 / 2022 / B / A

Parameter	Value	Remarks
color change after 3 000 rubs, grade of grey scale	4 – 5	PN-EN ISO 12947-2:2017-02 + PN-EN 14465:2005+A1:2007, Annex A
Abrasion resistance, number of rubs		sample conditioned according to PN-EN ISO 139:2006 + A1:2012, temp. 20° C ± 2 °C, RH: 65% ± 4%, the abradant: the standard woolen fabric, the nominal pressure used in the test: 12 kPa, magnification factor in the magnifying device: 8. Criterion of <u>destruction of the testing specimens in accordance with that standard:</u> the knitted pile fabric – pile spots of 5 mm ² are fully worn of without any damage to the rows/columns in knitted fabric.
1 specimen	> 100 000 without reaching the end-point	
2 specimen	> 100 000 without reaching the end-point	
3 specimen	> 100 000 without reaching the end-point	
4 specimen	> 100 000 without reaching the end-point	
Total abrasion resistance (the lowest individual result)	> 100 000 without reaching the end-point	
Evaluation: according to PN-EN 14465:2005 + A1:2007: A category: number of rubs ≥ 45 000 rubs, B category: number of rubs: 25 000 ÷ 40 000, C category: number of rubs: 10 000 ÷ 20 000		

Person authorizing the Test Report

Laboratorium Badań Surbowcow, Wvrobów
 Włókienniczych i Własności Elektrostatycznych
 GŁÓWNY SPECJALISTA
 Z-CIA KIEROWNIKA

mgr inż. Jerzy Andrysiak

_____ **The end of Test Report** _____



Łukasiewicz

Instytut Włókiennictwa
**Laboratory of Testing Raw Materials, Textiles
and Electrostatic Properties**

The Łukasiewicz Research Network – Textile Research Institute,
92-103 Łódź, 5/15 Brzezińska Str., phone 48 42 6163142, fax 48 42 6792638
90-520 Łódź, 118 Gdańska Str., phone 48 42 2534419, fax 48 42 2534490
e-mail: beata.witkowska@iw.lukasiewicz.gov.pl,
jerzy.andrysiak@iw.lukasiewicz.gov.pl

TEST REPORT NO. BM 44.1.2 / 2022 / B

1. **Test ordered by:**^X „TOPTEXTIL” Sp. z o.o., 29 Mickiewicza Street, 34-100 Wadowice
2. **Name and description of tested material:**^X the sample: **the upholstery product BUNNY grey**, declared raw material composition: 100% Polyester.
3. **Date of receiving material for testing:** 2022-01-28
4. **Date of test performance:** 2022-02-04
5. **Samples taken by:**^X correct sample size in appropriate state for testing, taken by the Client and delivered without the Sampling Protocol
6. **Tests carried out according to:** methods presenting in testing table

Results of Laboratory Tests

see page 2/2

Test performed by: Elżbieta Olczak

1. *Test results refer only to the tested material.*
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3. *Test Report consists of test results carried out in location 90-520 Łódź, ul. Gdańska 118 (G) / 92-103 Łódź, ul. Brzezińska 5/15(B).*
4. *Measurement uncertainty, if it is specified, has been determined according to the recommendations presented in document EA-4/16. Presented values of uncertainty constitute expanded uncertainty at 95% confidence level and coverage factor k=2.*
5. *Laboratory uses the requirements of ILAC-G8:09/2019. The conformity statement of test results with requirements/specification takes place, when the test results together with expanded uncertainty does not exceed the tolerance limit given in specification. The conformity statement's rules given by Client could be allowed.*



Sieć Badań Łukasiewicz
Instytut Włókiennictwa
WYROBÓW WŁÓKIENNICZYCH
I WŁAŚNOŚCI ELEKTROSTATYCZNYCH
92-103 Łódź, Brzezińska 5/15
tel. 42 61 63 142, fax 42 67 92 638



Test Report date: 2022-02-16

Number of Test Report 's copies: 2

Test Report handed to:

- 1) „TOPTEXTIL” Sp. z o.o., Wadowice - 1 copy,
- 2) Laboratory of Testing Raw Materials, Textiles and Electrostatic Properties (location: 5/15 Brzezińska str.) - 1 copy.

Test Report prepared by:
Patrycja Bąk

Person authorizing the Test Report

Laboratorium Badań Surowców, Wyrobów
Włókienniczych i Własności Elektrostatycznych
GŁÓWNY SPECJALISTA
Z-CA KIEROWNIKA

mgr inż. Jerzy Andrysiak

TEST REPORT NO. BM 44.1.2 / 2022 / B

Parameter	Value	Remarks
Seam slippage resistance, mm: <u>Longitudinal direction</u> The mean value of resistance to perforation in the seam for longitudinal direction, mm - individual results, mm <u>Cross direction</u> The mean value of resistance to perforation in the seam for cross direction, mm - individual results, mm	4 ± 0 4; 4; 3; 4; 4 4 ± 0 4; 4; 3,5; 3; 3,5	PN-EN ISO 13936-2:2005 sample conditioned according to PN-EN ISO 139:2006 + A1:2012, temp. 20° C ± 2 °C, RH: 65% ± 4%, tensile tester: Hounsfield H50 KM, testing force: 180 N, 100% PES sewing threads (74 ± 5) tex, the number of sewing needle: 110, the number of stitch: 32±2/100 mm, rate of extension: 50 mm/min. number of test specimens: 5
Evaluation according to PN-EN 14465:2005 + A1:2007: requirements level: A category: ≤ 4 mm; B category: ≤ 6 mm; C category: ≤ 8 m		

Person authorizing the Test Report

Laboratorium Badań Surowców, Wyrobów
 Włókienniczych i Właściwości Elektrostatycznych
 GŁÓWNY SPECJALISTA
 Z-CIA KLEJOWNIKA

mgr inż. Jarzy Andrysiak

-----The end of Test Report-----



Łukasiewicz

Instytut Włókiennictwa

Laboratory of Flammability Testing

The Łukasiewicz Research Network - Textile Research Institute,
92-103 Lodz, 5/15 Brzezinska Str.

Laboratory: 90-520 Lodz, 118 Gdanska Str., phone 48 42 2534435 (436), fax 48 42 2534490

e-mail: krzysztof.kostanek@iw.lukasiewicz.gov.pl



AB 029

TEST CERTIFICATE ON FLAMMABILITY TESTING OF UPHOLSTERY COMPOSITE

No 25 / 2022

Test method:

PN-EN 1021-1:2014-12 Furniture. Assessment of the ignitability of upholstered furniture. Part 1: Ignition source smouldering cigarette.

Orderer*:

TOPTEXTIL Sp. z o.o.
ul. Mickiewicza 29
34-100 Wadowice

Subject of testing*:

Upholstery composite:
- upholstery fabric named BUNNY, composition: 100% polyester
- flame-retardant foam RF 30120

Testing sample with the correct size, in appropriate state for testing, supplied by the Orderer with its characteristic and without the Sampling Protocol.



Siedziba Instytutu Włókiennictwa
Instytut Włókiennictwa
LABORATORIUM BADAŃ
PALNOŚCI WYROBÓW
90-520 Łódź, Gdańska 118
tel. 42 25 34 435, fax 42 25 34 490

Results of testing:

Standard	Test method	Result
PN-EN 1021-1:2014-12	Ignition source: smouldering cigarette	Neither progressive smouldering ignition nor flaming ignition occurred.

The above test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

Tests performed by:

Katarzyna Maciejewska MSc. Eng.

Sample received on: 31.01.2022
Test performed on: 08.02.2022
Test Certificate issued on: 08.02.2022

Test Certificate authorized by:

Laboratorium Badań Palności Wyrobów
STARSZY SPECJALISTA
ds. BADAWCZYCH
KIEROWNIK TECHNICZNY

dr inż. Krzysztof Kostanek

NOTES:

- The Testing results refer only to the tested sample.
- Test Certificate consists of 2 pages.
- Test Certificate must not be reproduced in another way, than as a whole without a prior written consent of the Testing Laboratory.
- The Orderer using this Test Certificate is responsible for the conformity between the product and sample submitted for testing. *Data provided by the Customer.
- *Data provided by the Customer.

The Testing Laboratory accredited by the Polish Centre for Accreditation (PCA), No AB 029.

DETAILED TESTING RESULTS

Climate conditions: temperature (23 ± 2) °C; humidity (50 ± 5) %; time 24 h
 Testing conditions: temperature 21 °C; humidity 32 %

Preparation of test samples:

the upholstery fabric, exposed to wetting in water and drying procedure, in accordance with Appendix D of the PN-EN 1021-1:2014-12 standard.

Upholstery composite characteristic:

Upholstery composite:

- upholstery fabric named BUNNY, composition: 100% polyester
- flame-retardant foam RF 30120.

Criteria		Cigarette			Remarks					
		1	2	3						
Smouldering criteria	Unsafe escalating combustion	NO	NO	-	Maximum cigarette smouldering time: 10 minutes 37 seconds					
	Test assembly consumed	NO	NO	-						
	Smoulders to extremities	NO	NO	-						
	Smoulders through thickness	NO	NO	-	Maximum upholstery composite destruction:					
	Smoulders more than 1 hour	NO	NO	-						
In final examination, presence of active smouldering		NO	NO	-						
Flaming criteria	Occurrence of flames	NO	NO	-	horizontal [mm]			vertical [mm]		
					length	width	depth	length	width	depth
					70	20	15	70	18	9

Result of testing: Neither progressive smouldering ignition nor flaming ignition occurred.

END OF THE TEST CERTIFICATE