Łukasiewicz
Lodz Institute of Technology

Laboratory of Textile Metrology and Electrostatics

Łukasiewicz Research Network – Lodz Institute of Technology,
90-570 Lodz, 19/27 Marii Skłodowskiej-Curie Str.,
Laboratory: 92-103 Lodz, 5/15 Brzezinska Str., phone 48 42 6163142
Laboratory: 90-520 Lodz, 118 Gdanska Str., phone 48 42 2534419
e-mail: *beata.witkowska@lit.lukasiewicz.gov.pl; jerzy.andrysiak@lit.lukasiewicz.gov.pl*

TEST REPORT NO. BL-ME 40.6 / 2025 / B

1. **Test ordered by:**[X] „TOPTEXTIL" Sp. z o.o., 13 Karola Wojtyły Street, 34-100 Jaroszewice
2. **Name and description of tested material**:[X] the sample: **The upholstery product PETIT,** declared raw material composition: 100% Polyester.
3. **Date of receiving material for testing:** 2025-01-21
4. **Date of test performance:** 2025-01-24
5. **Samples taken by:**[X] limited 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: Iwona Rybak

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 ILAC-G17:01/2021. 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: 2025-01-31
Number of Test Report 's copies: 2
Test Report handed to:
1) „TOPTEXTIL" Sp. z o.o., Wadowice - 1 copy,
2) Laboratory of Textile Metrology and Electrostatics (location: 5/15 Brzezińska str.) - 1 copy.

Test Report prepared by:
Patrycja Bąk

Person authorizing the Test Report

Sieć Badawcza Łukasiewicz – Instytut Technologiczny
Laboratorium Metrologii Włókienniczej i Elektrostatyki
92-103 Łódź, ul. Brzezińska 5/15
tel. 42 61 63 131

LABORATORIUM METROLOGII WŁÓKIENNICZEJ
I ELEKTROSTATYKI
Z-CA KIEROWNIKA

mgr inż. Jerzy Andrysiak

TEST REPORT NO. BL-ME 40.6 / 2025 / B

Parameter	Value	Remarks
The mean of bursting strength, kPa	**1240 ± 19**	PN-EN ISO 13938-1:2020-05 (hydraulic method) sample conditioned according to PN-EN ISO 139:2006 + A1:2012, temp. 20° C ± 2 °C, R.H: 65% ± 4%, burst device: PSI-BURST, test area: 50 cm^2, time at burst: (20±5) s, number of test specimens: 5.
The mean of height at burst, mm	**26 ± 1**	
Evaluation according to PN-EN 14465:2005 + A1:2007: requirements level: **A category: ≥ 600 kPa**; B category: ≥ 400 kPa; C category: ≥ 200 kPa		

Person authorizing the Test Report

LABORATORIUM METROLOGII WŁÓKIENNICZEJ
I ELEKTROSTATYKI
Z-CA KIEROWNIKA

mgr inż. Jerzy Andrysiak

The end of Test Report

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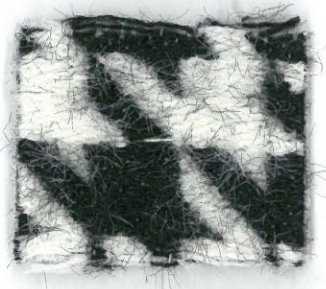
e-mail: *beata.witkowska@lit.lukasiewicz.gov.pl; jerzy.andrysiak@lit.lukasiewicz.gov.pl*

TEST REPORT NO. BL-ME 40.5 / 2025 / B

1. **Test ordered by:**[X] „TOPTEXTIL" Sp. z o.o., 13 Karola Wojtyły Street, 34-100 Jaroszewice
2. **Name and description of tested material:**[X] the sample: **The upholstery product PETIT,** declared raw material composition: 100% Polyester.
3. **Date of receiving material for testing:** 2025-01-21
4. **Date of test performance:** 2025-01-24
5. **Samples taken by:**[X] limited 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: Iwona Rybak

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4. Measurement uncertainty, if it is specified, has been determined according to the recommendations presented in document ILAC-G17:01/2021. 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: 2025-01-31
Number of Test Report 's copies: 2
Test Report handed to:
1) „TOPTEXTIL" Sp. z o.o., Wadowice - 1 copy,
2) Laboratory of Textile Metrology and Electrostatics (location: 5/15 Brzezińska str.) - 1 copy.

Test Report prepared by:
Patrycja Bąk

Person authorizing the Test Report

Sieć Badawcza Łukasiewicz
Łódzki Instytut Technologiczny
Laboratorium Metrologii Włókiennictwa i Elektrostatyki
92-153 Łódź, ul. Brzezińska 5/15
tel. 42 6163 131, fax 42 6163 131

LABORATORIUM METROLOGII WŁÓKIENNICZEJ I ELEKTROSTATYKI
Z-CA KIEROWNIKA
mgr inż. Jerzy Andrysiak

TEST REPORT NO. BL-ME 40.5 / 2025 / B

Parameter	Value	Remarks
Seam slippage resistance, mm: Longitudinal direction **The mean value of resistance to perforation in the seam for longitudinal direction, mm** - individual results, mm Cross direction **The mean value of resistance to perforation in the seam for cross direction, mm** - individual results, mm	**4 ± 0** 4; 3; 4; 4; 4 **8 ± 0** 7; 8; 8; 8; 8	PN-EN ISO 13936-2:2005 climate for conditioning sample and testing 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 mm**		

Person authorizing the Test Report

LABORATORIUM METROLOGII WŁÓKIENNICZEJ
I ELEKTROSTATYKI
Z-CA KIEROWNIKA

mgr inż. Jerzy Andrysiak

The end of Test Report

Łukasiewicz
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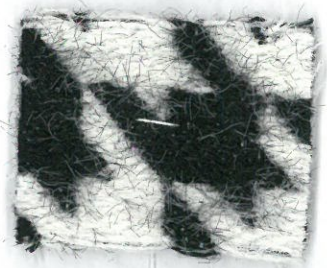
e-mail: *beata.witkowska@lit.lukasiewicz.gov.pl; jerzy.andrysiak@lit.lukasiewicz.gov.pl*

AB 164

TEST REPORT NO. BL-ME 40.4 / 2025 / B / A

1. **Test ordered by:** X „TOPTEXTIL" Sp. z o.o., 13 Karola Wojtyły Street, 34-100 Jaroszewice
2. **Name and description of tested material**: the sample: X **The upholstery product PETIT,** declared raw material composition: 100% Polyester.
3. **Date of receiving material for testing:** 2025-01-21
4. **Date of test performance:** 2025-01-22
5. **Samples taken by:** X correct sample size in appropriate state for testing, taken by the Client and delivered with/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: Iwona Rybak

1. *Test results refer only to the tested material.*
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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 ILAC-G17:01/2021. 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 given in specification. The conformity statemen's rules given by Client could be allowed.*

Sieć Badawcza Łukasiewicz Instytut Technologiczny Laboratorium Metrologii Włókienniczej 92-103 Łódź, ul. Brzezińska 5/15 tel. 42 6163 131

Test Report date: 2025-01-31
Number of Test Report 's copies: 2
Test Report handed to:
1) „TOPTEXTIL" Sp. z o.o., Wadowice - 1 copy,
2) Laboratory of Textile Metrology and Electrostatics (location: 5/15 Brzezińska str.) - 1 copy.

Test Report prepared by:
Patrycja Bąk

Person authorizing the Test Report:

LABORATORIUM METROLOGII WŁÓKIENNICZEJ I ELEKTROSTATYKI
Z-CA KIEROWNIKA

mgr inż. Jerzy Andrysiak

Parameter		Value	Test method
Propensity to surface fuzzing, pilling or matting, grade			PN-EN ISO 12945-2:2021-04 PN-EN ISO 12945-4:2021-04 (modified Martindale method) climate for sample conditioning and testing according to PN-EN ISO 139:2006 + A1:2012, temp. 20° C ± 2 °C, R.H. 65% ± 4%, the abradant: the standard woolen fabric; number of test specimens: 3, number of evaluators: 3, mass of weight: (415 ± 2) g.
- pilling	the number of rubs		
	125	5	
	500	5	
	1 000	5	
	2 000	5	
	5 000	5	
	7 000	**5** **no change**	
- fuzzing	the number of rubs		
	125	5	
	500	5	
	1 000	5	
	2 000	5	
	5 000	5	
	7 000	**5** **no change**	
- matting	the number of rubs		
	125	4	
	500	4	
	1 000	4	
	2 000	3 – 4	
	5 000	3	
	7 000	**3** **moderate surface matting**	

Person authorizing the Test Report

LABORATORIUM METROLOGII WŁÓKIENNICZEJ I ELEKTROSTATYKI
Z-CA KIEROWNIKA
mgr inż. Jerzy Andrysiak

The end of Test Report

Łukasiewicz
Lodz Institute of Technology

Laboratory of Textile Metrology and Electrostatics

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Laboratory: 92-103 Lodz, 5/15 Brzezinska Str., phone 48 42 6163142
Laboratory: 90-520 Lodz, 118 Gdanska Str., phone 48 42 2534419
e-mail: *beata.witkowska@lit.lukasiewicz.gov.pl; jerzy.andrysiak@lit.lukasiewicz.gov.pl*

AB 164

TEST REPORT NO. BL-ME 40.3 / 2025 / B / A

1. **Test ordered by:** x „TOPTEXTIL" Sp. z o.o., 13 Karola Wojtyły Street, 34-100 Jaroszewice
2. **Name and description of tested material**: the sample: x **The upholstery product PETIT,** declared raw material composition: 100% Polyester.
3. **Date of receiving material for testing:** 2025-01-21
4. **Date of test performance:** 2025-01-22÷30
5. **Samples taken by:** x correct sample size in appropriate state for testing, taken by the Client and delivered with/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: Iwona Rybak

1. *Test results refer only to the tested material.*
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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 ILAC-G17:01/2021. 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 requirement / specification takes place, when the test results together with expanded uncertainty does not exceed the tolerance limit given in specification. The conformity statemen's rules given by Client could be allowed.*

Sieć Badawcza Łukasiewicz – Instytut Technologiczny Włókiennictwa, Laboratorium Metrologii Włókienniczej i Elektrostatyki, 92-103 Łódź, ul. Brzezińska 5/15, tel. 42 61 53 142, fax 42 61 63 131

Test Report date: 2025-01-31
Number of Test Report 's copies: 2
Test Report handed to:
1) „TOPTEXTIL" Sp. z o.o., Wadowice - 1 copy,
2) Laboratory of Textile Metrology and Electrostatics (location: 5/15 Brzezińska str.) - 1 copy.

Test Report prepared by:
Patrycja Bąk

Person authorizing the Test Report:
LABORATORIUM METROLOGII WŁÓKIENNICZEJ I ELEKTROSTATYKI
Z-CA KIEROWNIKA
mgr inż. Jerzy Andrysiak

TEST REPORT NO. BL-ME 40.3 / 2025 / B / A

Parameter		Value	Remarks
Abrasion resistance, number of rubs	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 climate for conditioning sample and testing according to PN-EN ISO 139:2006 + A1:2012, temp. 20° C ± 2 °C, R.H. 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 destruction of the testing specimens in accordance with that standard: flat fabric – three threads are completely broken
	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 ≥ 35 000 rubs,** B category: number of rubs: 12 000 ÷ 30 000, C category: number of rubs: 4 000 ÷ 10 000			

Person authorizing the Test Report

LABORATORIUM METROLOGII WŁÓKIENNICZEJ I ELEKTROSTATYKI
Z-CA KIEROWNIKA
mgr inż. Jerzy Andrysiak

The end of Test Report

Łukasiewicz
Lodz Institute of Technology

Laboratory of Textile Metrology and Electrostatics
Łukasiewicz Research Network – Lodz Institute of Technology,
90-570 Lodz, 19/27 Marii Skłodowskiej-Curie Str.,
Laboratory: 92-103 Lodz, 5/15 Brzezinska Str., phone 48 42 6163142
Laboratory: 90-520 Lodz, 118 Gdanska Str., phone 48 42 2534419
e-mail: *beata.witkowska@lit.lukasiewicz.gov.pl; jerzy.andrysiak@lit.lukasiewicz.gov.pl*

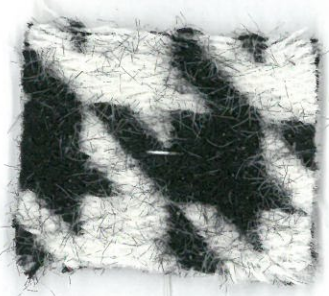
ilac-MRA

PCA Polskie Centrum Akredytacji BADANIA
AB 164

TEST REPORT NO. BL-ME 40.2 / 2025 / B / A

1. **Test ordered by:** [x] „TOPTEXTIL" Sp. z o.o., 13 Karola Wojtyły Street, 34-100 Jaroszewice
2. **Name and description of tested material**: the sample: [x] **The upholstery product PETIT,** declared raw material composition: 100% Polyester.
3. **Date of receiving material for testing:** 2025-01-21
4. **Date of test performance:** 2025-01-23
5. **Samples taken by:** [x] correct sample size in appropriate state for testing, taken by the Client and delivered with/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: Iwona Rybak

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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 ILAC-G17:01/2021. 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 given in specification. The conformity statemen's rules given by Client could be allowed.*

Test Report date: 2025-01-31
Number of Test Report 's copies: 2
Test Report handed to:
1) „TOPTEXTIL" Sp. z o.o., Wadowice - 1 copy,
2) Laboratory of Textile Metrology and Electrostatics (location: 5/15 Brzezińska str.) - 1 copy.

Sieć Badawcza Łukasiewicz
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Laboratorium Metrologii Włókienniczej i Elektrostatyki
92-103 Łódź, ul. Brzezińska 5/15
tel. 42 61 63 14[illegible], fax 42 6[illegible] 63 131

Test Report prepared by:
Patrycja Bąk

Person authorizing the Test Report:

LABORATORIUM METROLOGII WŁÓKIENNICZEJ I ELEKTROSTATYKI
Z-CA KIEROWNIKA
mgr inż. Jerzy Andrysiak

TEST REPORT NO. BL-ME 40.2 / 2025 / B / A

Parameter		Value	Test method
Overall value avarage tear force, N	longitudinal direction	**370 ± 20**	PN-EN ISO 13937-3:2002 (single tear method) climate for conditioning sample and testing according to PN-EN ISO 139:2006 + A1:2012, temp. 20° C ± 2 °C, R.H. 65% ± 4%, tensile machine: Zwick 1120, rate of extension: 100 mm/min., distance between clamps: 100 mm, method of calculating average values: electronic; number of test specimens: 5 in each direction.
	cross direction	**230 ± 0**	
Evaluation: according to PN-EN 14465:2005 + A1:2007: **A category: ≥ 40 N,** B category: ≥ 30 N, C category: ≥ 25 N, D category: ≥ 20 N, E category: ≥ 15 N			

Person authorizing the Test Report

LABORATORIUM METROLOGII WŁÓKIENNICZEJ I ELEKTROSTATYKI
Z-CA KIEROWNIKA

mgr inż. Jerzy Andrysiak

The end of Test Report

Łukasiewicz
Lodz Institute of Technology

Laboratory of Textile Metrology and Electrostatics

Łukasiewicz Research Network – Lodz Institute of Technology,
90-570 Lodz, 19/27 Marii Skłodowskiej-Curie Str.,
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PCA Polskie Centrum Akredytacji BADANIA
AB 164

TEST REPORT NO. BL-ME 40.1 / 2025 / B / A

1. **Test ordered by:** x „TOPTEXTIL" Sp. z o.o., 13 Karola Wojtyły Street, 34-100 Jaroszewice
2. **Name and description of tested material**: the sample: x **The upholstery product PETIT,** declared raw material composition: 100% Polyester.
3. **Date of receiving material for testing:** 2025-01-21
4. **Date of test performance:** 2025-01-24
5. **Samples taken by:** x correct sample size in appropriate state for testing, taken by the Client and delivered with/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: Iwona Rybak

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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 given in specification. The conformity statemen's rules given by Client could be allowed.

Sieć Badawcza Łukasiewicz Łódzki Instytut Technologiczny Laboratorium Metrologii Włókienniczej i Elektrostatyki 92-103 Łódź, ul. Brzezińska 5/15 tel. 42 61 63 142, fax 42 61 63 131

Test Report date: 2025-01-31
Number of Test Report 's copies: 2
Test Report handed to:
1) „TOPTEXTIL" Sp. z o.o., Wadowice - 1 copy,
2) Laboratory of Textile Metrology and Electrostatics (location: 5/15 Brzezińska str.) - 1 copy.

Test Report prepared by:
Patrycja Bąk

Person authorizing the Test Report:
LABORATORIUM METROLOGII WŁÓKIENNICZEJ I ELEKTROSTATYKI
Z-CA KIEROWNIKA
mgr inż. Jerzy Andrysiak

TEST REPORT NO. BL-ME 40.1 / 2025 / B / A

Parameter		Value	Test method
The mean of maximum force, N	longitudinal direction	**1800 ± 0**	PN-EN ISO 13934-1:2013-07 climate for conditioning sample and testing according to PN-EN ISO 139:2006 + A1:2012, temp. 20° C ± 2 °C, R.H. 65% ± 4%, tensile machine: Hounsfield H5KS, rate of extension: 100 mm/min., pretension: 10N, distance between clamps: 200 mm, number of test specimens: 5 in each direction.
	cross direction	**1800 ± 0**	
The mean of elongation at maximum force, %	longitudinal direction	**25,5 ± 2,0**	
	cross direction	**45,5 ± 2,0**	
Evaluation: according to PN-EN 14465:2005 + A1:2007: **A category: > 600 N,** B category: ≥ 400 N, C category: ≥ 350 N, D category: ≥ 250 N			

Person authorizing the Test Report

LABORATORIUM METROLOGII WŁÓKIENNICZEJ I ELEKTROSTATYKI
Z-CA KIEROWNIKA

mgr inż. Jerzy Andrysiak

The end of Test Report

Łukasiewicz
Lodz Institute of Technology

Laboratory of Flammability Testing
Lukasiewicz Research Network – Lodz Institute of Technology,
90-570 Lodz, 19/27 Marii Sklodowskiej-Curie Str., phone +48 42 307 09 01
Laboratory: 90-520 Lodz, 118 Gdanska Str., phone +48 42 2534435 (436),
e-mail: krzysztof.kostanek@lit.lukasiewicz.gov.pl

AB 029

TEST CERTIFICATE No 34 / BL - PW / 25

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. Karola Wojtyły 13
34-100 Jaroszowice

Subject of testing*:

Upholstery composite:
- fabric named PETIT; 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.

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:
Krzysztof Kostanek

Test Certificate authorized by
LABORATORIUM BADAŃ PALNOŚCI WYROBÓW
KIEROWNIK
dr inż. Krzysztof Kostanek

Sample received on: 27.01.2025
Test performed on: 30.01.2025
Test Certificate issued on: 31.01.2025

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

DETAILED TESTING RESULTS

Climate conditions: temperature (23 ± 2) °C; humidity (50 ± 5) %; time 24 h
Testing conditions: temperature 23,5 °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:
- fabric named PETIT; composition: 100% Polyester,
- flame-retardant foam RF 30120.

Test method according to PN-EN 1021-1:2014-12

<table>
<tr><th colspan="2" rowspan="2">Criteria</th><th colspan="3">Cigarette</th><th rowspan="2">Remarks</th></tr>
<tr><th>1</th><th>2</th><th>3</th></tr>
<tr><td rowspan="6">Smouldering criteria</td><td>Unsafe escalating combustion</td><td>NO</td><td>NO</td><td>-</td><td rowspan="4">Maximum cigarette smouldering time:

18 minutes 21 seconds</td></tr>
<tr><td>Test assembly consumed</td><td>NO</td><td>NO</td><td>-</td></tr>
<tr><td>Smoulders to extremities</td><td>NO</td><td>NO</td><td>-</td></tr>
<tr><td>Smoulders through thickness</td><td>NO</td><td>NO</td><td>-</td></tr>
<tr><td>Smoulders more than 1 hour</td><td>NO</td><td>NO</td><td>-</td><td rowspan="2">Maximum upholstery composite destruction:</td></tr>
<tr><td>In final examination, presence of active smouldering</td><td>NO</td><td>NO</td><td>-</td></tr>
<tr><td rowspan="3">Flaming criteria</td><td rowspan="3">Occurrence of flames</td><td rowspan="3">NO</td><td rowspan="3">NO</td><td rowspan="3">-</td><td colspan="3">horizontal [mm]</td><td colspan="3">vertical [mm]</td></tr>
<tr><td>length</td><td>width</td><td>depth</td><td>length</td><td>width</td><td>depth</td></tr>
<tr><td>71</td><td>15</td><td>4</td><td>70</td><td>15</td><td>4</td></tr>
</table>

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

END OF THE TEST CERTIFICATE