

LABORATORY OF FLAMMABILITY TESTING
90-520 Łódź, ul. Gdańska 118, tel.: +48(0) 42 2534435, +48(0)42 2534436, fax.+48(0)42 2534490

TEST CERTIFICATE ON FLAMMABILITY TESTING OF MATTRESSES

No 137 / BP / 15

Test method:

PN-EN 597-1:1999 Furniture. Assessment of the ignitability of mattresses and upholstered bed bases. Part 1: Ignition source: Smouldering cigarette..

Orderer:

„TOPTEXTIL” Sp. z o.o.
ul. Wadowicka 12
30-415 Kraków

INSTYTUT WŁÓKIENICTWA
Oddział ul. Gdańska 118
90-520 Łódź, tel. 42 2534400, fax 42 2534490
NIP 724-000-06-64 REGON 000050239

Subject of testing:

Upholstery composition:

- mattress woven fabric named MODENA BED,
composition: 72% Polyester, 28% Polypropylene; weight: 190 g/m²
- CM-3040 foam, flame-retardant

Testing sample of the woven fabric and its characteristic supplied by the Orderer.

Results of testing:

Standard	Test method	Result
PN-EN 597-1:1999	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 mattress, mattress pillow or upholstered bed base in use.

Tests performed by:

Andrzej Kubacki, technician

Report authorized by:

Laboratorium Badań Palności Wyrobów
KIEROWNIK

mgr inż. Małgorzata Szejna
21.05.2015

Sample received on: 21.04.2015

Test performed on: 19.05.2015

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.

DETAILED TESTING RESULTS

Climate conditions: temperature (23 ± 2) °C; humidity (50 ± 5) %
 Testing conditions: temperature 21 °C; humidity 40 %

Specimen size: length 450 mm x width 350 mm x depth 75 mm

Criteria		Cigarette		Place of the smouldering cigarette
		1	2	
Smouldering criteria	Unsafe escalating combustion	NO	NO	Cigarettes 1 and 2 placed on the upper flat side of the mattress.
	Test assembly consumed	NO	NO	
	Smoulders through thickness	NO	NO	
	Smoulders more than 1 hour	NO	NO	
	Smoulders in distance bigger than 50 mm from place of the ignition source	NO	NO	
Flaming criteria	Occurrence of flames	NO	NO	Maximum cigarette smouldering time: 15 minutes 07 seconds

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

END OF THE TEST CERTIFICATE