

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 138 / 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 11'  
90-520 Łódź, tel. 42 2534435, fax 42 2534490  
NIP 724-000-06-64 REGON 000050239


**Subject of testing:**


Upholstery composition:  
- mattress woven fabric named ADONIS BED,  
composition: 45% Polyester, 55% Cotton; weight: 180 g/m<sup>2</sup>  
- 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	<b>Neither progressive smouldering ignition nor flaming ignition occurred.</b>

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.  Maximum cigarette smouldering time: cigarette extinguished after 12 minutes 11 seconds
	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	

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

*Handwritten signature*

END OF THE TEST CERTIFICATE