

TEST CERTIFICATE ON FLAMMABILITY TESTING OF MATTRESSES

No 103 / BP / 18

Test method:

PN-EN 597-1:2016-02 Furniture. Assessment of the ignitability of mattresses and upholstered bad bases. Part 1: Ignition source: Smouldering cigarette..

Orderer:

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

Subject of testing:

Upholstery composition of the mattress:
- mattress knitted fabric named PRATO,
- composition: 100% Polyester,
- T-3037 SG polyurethane foam, self-extinguished
Testing sample with the correct size, in appropriate state for testing, supplied by the Orderer with its characteristic and without the Sampling Protocol.

INSTYTUT WŁÓKIENICTWA
LABORATORIUM
BADAŃ PALNOŚCI WYROBÓW
ul. Gdańska 118, 90 520 Łódź

Results of testing:

Standard	Test method	Result
PN-EN 597-1:2016-02	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
Andrzej Kubacki, technician

Test Certificate authorized by

Laboratorium Badań Palności WYROBÓW
KIEROWNIK

mgr inż. Małgorzata Szejna
05.04.2018

Sample received on: 09.03.2018

Test performed on: 04.04.2018

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) %; time 24 h

Testing conditions: temperature 23 °C; humidity 32 %

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

Criteria		Cigarette		Place of the smouldering cigarette
		1	2	
Smouldering criteria	Unsafe escalating combustion	NO	NO	Cigarette 1 - cigarette placed horizontally on flat upper surface in the length direction Cigarette 2 - cigarette placed horizontally on flat upper surface in the width direction Maximum cigarette smouldering time: 16 minutes 11seconds
	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.

END OF THE TEST CERTIFICATE