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PCA Polskie Centrum Akredytacji BADANIA
AB 029

TEST CERTIFICATE ON FLAMMABILITY TESTING OF UPHOLSTERY COMPOSITE

No539 / BP / 19

Test method:

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

Orderer*:

Sieć Badawcza Łukasiewicz-
INSTYTUT WŁÓKIENNICTWA
LABORATORIUM
BADAŃ PALNOŚCI WYROBÓW
ul. Gdańska 118, 90-520 Łódź

Subject of testing*:

Upholstery composite:
- upholstery fabric named UTTARIO VELVET, composition: 100% Polyester,
- T-3037 SG polyurethane foam, self-extinguish
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:
Kostanek
Krzysztof Kostanek Ph.D.

Test Certificate authorized by

Laboratorium Badań Palności Wyrobów
KIEROWNIK
mgr inż. Małgorzata Szejna

Sample received on: 04.11.2019
Test performed on: 11.12.2019
Test Certificate issued on: 11.12.2019

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 22°C; humidity 31 %

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:

- T-3037 SG polyurethane foam, self-extinguish

Criteria		Cigarette			Remarks						
		1	2	3							
Smouldering criteria	Unsafe escalating combustion	NO	NO	-	Maximum cigarette smouldering time: 14 minutes 32 seconds						
	Test assembly consumed	NO	NO	-							
	Smoulders to extremities	NO	NO	-							
	Smoulders through thickness	NO	NO	-							
	Smoulders more than 1 hour	NO	NO	-	Maximum upholstery composite destruction:						
	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	15	11	70	17	6	

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

END OF THE TEST CERTIFICATE