

TEST CERTIFICATE ON FLAMMABILITY TESTING OF UPHOLSTERY COMPOSITE

No 365 / BP / 21

Test method:

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

Orderer*:

Subject of testing*:

Upholstery composite:

- upholstery fabric named BRAID, composition: 100% polyester
- polyurethane foam T-3037 SG, 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:



Katarzyna Maciejewska MSc. Eng.

Test Certificate authorized by:


Laboratorium Badań Palności Wyrobów
STARSZY SPECJALISTA
ds. BADAWCZYCH
KIEROWNIK TECHNICZNY
dr inż. Krzysztof Kostanek

Sample received on: 02.11.2021
Test performed on: 22.11.2021
Test Certificate issued on: 23.11.2021

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. *Data provided by the Customer.
5. *Data provided by the Customer.

The Testing Laboratory accredited by the Polish Centre for Accreditation (PCA), No AB 029.

DETAILED TESTING RESULTSClimate conditions: temperature $(23 \pm 2) ^\circ\text{C}$; humidity $(50 \pm 5) \%$; time 24 hTesting conditions: temperature $19 ^\circ\text{C}$; humidity 41 %**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:

- upholstery fabric named BRAID, composition: 100% polyester
- T-3037 polyurethane foam, self-extinguish.

Criteria		Cigarette			Remarks
		1	2	3	
Smouldering criteria	Unsafe escalating combustion	NO	NO	NO	Cigarette 1 fail to smoulder its complete length. It was extinguished after 3 min. 51 s.
	Test assembly consumed	NO	NO	NO	
	Smoulders to extremities	NO	NO	NO	
	Smoulders through thickness	NO	NO	NO	Cigarette 2 fail to smoulder its complete length. It was extinguished after 5 min. 15 s.
	Smoulders more than 1 hour	NO	NO	NO	
	In final examination, presence of active smouldering	NO	NO	NO	Cigarette 3 fail to smoulder its complete length. It was extinguished after 7 min. 45 s.
Flaming criteria	Occurrence of flames	NO	NO	NO	

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

END OF THE TEST CERTIFICATE