

TEST REPORT

Order no: 11.07.2019

Signature: SL/Z-257/PN1021/340a/2019

Police, 22.07.2019

Test methods:

1. EN 1021-1:2014 Furniture – Assessment of the ignitability of upholstered furniture – Part 1: Ignition source smouldering cigarette
2. EN 1021-2:2014 Furniture – Assessment of the ignitability of upholstered furniture – Part 2: Ignition source match flame equivalent

Content of request: flammability tests EN 1021-1 and EN 1021-2 (with water soaking)

Sponsor: Creative Design Group spółka z o.o. spółka komandytowa
UL. Skolimowska 3/9
00-795 Warszawa
Poland

Material: Upholstery set - BLOCKS, PUZZLE, RINGS, CANVAS, WALL, DUO, CONE, TOWER, SHELL, BOOTH

Composition: outer layer: fabric made: 100 % polyester, weight 300 g/m²
inner layer: melamine foam, density 9 kg/m³

Manufacturer/supplier: Creative Design Group spółka z o.o. spółka komandytowa
UL. Skolimowska 3/9
00-795 Warszawa
Poland

Assessment: No ignition occurred during the tests.
The tested product passes the tests according to EN 1021-2 and EN 1021-2

The reprint and the copying: only with the agreement Creative Design Group spółka z o.o. spółka komandytowa

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Report applies only to the sample tested and is not necessarily indicative of the qualities of apparently identical or similar products.

Content of test report: three pages with signature and numbers.

1. Assessment of the ignitability of upholstered furniture

1.1. Smouldering cigarette

Smouldering criteria	1	2	3 ¹	Comments
Unsafe escalation combustion (3.1 a)	NO	NO	-	(NI) no ignition
Test assembly consumed (3.1 b)	NO	NO	-	
Smoulders to extremities (3.1 c)	NO	NO	-	
Smoulders through thickness (3.1 c)	NO	NO	-	
Smoulders more than 1 h (3.1 d)	NO	NO	-	
In final examination, presence of progressive smouldering (3.1e)	NO	NO	-	
Flaming criteria				
Occurrence of flames (3.2)	NO	NO	-	
¹ Record the results for cigarette 3 if applied. Enter 'YES' if criteria exceeded or 'NO' if criteria not exceeded				

1.2. Ignition source match flame equivalent

Smouldering criteria	1	2	3	Comments
Unsafe escalation combustion (3.1 a)	NO	NO	NO	(NI) no ignition
Test assembly consumed (3.1 b)	NO	NO	NO	
Smoulders to extremities (3.1 c)	NO	NO	NO	
Smoulders through thickness (3.1 c)	NO	NO	NO	
Smoulders more than 1 h (3.1 d)	NO	NO	NO	
In final examination, presence of progressive smouldering (3.1e)	NO	NO	NO	
Flaming criteria				
Unsafe escalation combustion (3.2 a)	NO	NO	NO	
Test assembly consumed (3.2 b)	NO	NO	NO	
Smoulders to extremities (3.2 c)	NO	NO	NO	
Smoulders through thickness (3.2 c)	NO	NO	NO	
Smoulders longer than 120 s (3.2 d)	NO	NO	NO	
Enter 'YES' if criteria exceeded or 'NO' if criteria not exceeded				

Remarks: no.



Fig. 1. View of the upholstery set after the test

2. Assessment

Test methods:	Measured value	Results	Requirements	Classifications
EN 1021-1	Progressive shouldering	NO	NO	hardly ignitable
	Burning with flame	NO	NO	
EN 1021-2	Progressive shouldering	NO	NO	
	Burning with flame	NO	NO	

No ignition occurred during the tests.

The tested product pass the tests according to EN 1021-2 and EN 1021-2

3. Remaining required information

System of the sampling: sponsor took and delivered samples.

Date of receipt of samples: 16.07.2019

Sample description: Sponsor delivered two pieces of white fabric (1070x890 mm) with a thickness of approximately 1 mm and a weight related to the unit area of 300 g/m², and two sets of filling foam in light grey size 450x300x80 mm, 450x150x80 mm and density 9,5 kg/m³. The laboratory prepared samples for testing.

Conditioning of specimens: seasoning samples of material by 24 h in temperature 23 ± 2 °C and humidities 50 ± 5 %.

A procedure of impregnating upholstery materials with water was applied: yes/~~not~~

Declaring: The test results rate to the behaviour of the test specimens under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the products in use.

Operator:

mgr Nataliia Kalishchuk



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dr inż. Krzysztof Sychta

Date and place of test - 22.07.2019, Police