

PRZEDSIĘBIORSTWO USŁUGOWO REMONTOWE
REMODEX
ZAKŁAD BADAŃ I WDROŻEŃ PRZEMYSŁU MEBLARSKIEGO
Spółka z o.o.

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SIGN: BW/PB/6/23

DATE: 2023-02-10

Order: 2023-01-20

TEST REPORT No: 1/23/P
Assessment of ignitability

1. *Sample* - **Elements of laboratory and workshop chairs made of polyurethane integral foam PUREX**

2. *CLIENT* –

Tech-Pur
Weronika Motyka
ul. Fordońska 399
85-790 BYDGOSZCZ

3. *Documents identifying article* –

order + described sample

4. *This article was tested in accordance with the test procedures described in:*

PN-EN 1021-1:2014
PN-EN 1021-2:2014

5. *Ignition source:*

1. smouldering cigarette
2. match flame equivalent

6. **TEST RESULTS:**

1. POSITIVE
2. POSITIVE

Test operator

.....
/M Sc.(Eng.) Piotr Błaszczak/

PREZES ZARZĄDU

.....
mgr inż. Piotr Błaszczak

TEST REPORT contain 3 pages

The test results are only valid for the article tested.

This TEST REPORT shall not be reproduced, except in full, without the written approval of the laboratory.

TEST REPORT No: 1/23/P

Test report – Assessment of ignitability

Materials tested – **Elements of laboratory and workshop chairs made of polyurethane integral foam PUREX**

1. *Ignition source: smouldering cigarette*

2. *Test sample conditions:*

- temperature - 20 °C
- relative humidity - 50 %
- time - 24 h


Departure from requirements of norm

- test sample - only foam (without covering material) - chair seat
- test only on horizontal plane

3. *Test results – NON-IGNITION*

Criteria		smouldering cigarette			Comments
		1	2	3	
Smouldering criteria	Unsafe escalating combustion	NO	NO	NO	Smoking time of a cigarette from 3 to 5 minutes. After this time cigarette go out. Cigarettes burnt to a maximum of approx. 1/3 of their length.
	Test assembly consumed	NO	NO	NO	
	Smoulders to extremities	NO	NO	NO	
	Smoulders through thickness	NO	NO	NO	
	Smoulders more than 1 hour	NO	NO	NO	Dimensions of extent of the damage (mm)
	In final examination occurrence of smoulder	NO	NO	NO	
Flaming criteria	Occurrence of flames	NO	NO	NO	horizontal assembly
					vertical assembly
					len-gth wi-dth de-pth len-gth wi-dth de-pth
					27 9 4 --- --- ---

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.

LABORATORIUM
SIGNED: 

TEST REPORT No: 1/23/P

Test report – Assessment of ignitability

Materials tested – Elements of laboratory and workshop chairs made of polyurethane integral foam PUREX

1. Ignition source: match flame equivalent

2. Test sample conditions:

- temperature - 20 °C
- relative humidity - 50 %
- time - 24 h

Departure from requirements of norm

- test sample - only foam (without covering material)
- test - on the horizontal and vertical plane (seat and backrest of the chair)

3. Test results – NON-IGNITION

Criteria		match flame equivalent			Comments					
		1	2	3						
Smouldering criteria	Unsafe escalating combustion	NO	NO	NO	After 15 s flame burner was removed, in all three tests the flames disappeared immediately, reeking was observed to 2 s					
	Test assembly consumed	NO	NO	NO						
	Smoulders to extremities	NO	NO	NO						
	Smoulders through thickness	NO	NO	NO						
	Smoulders more than 1 hour	NO	NO	NO	Dimensions of extent of the damage (mm)					
	In final examination occurrence of smoulder	NO	NO	NO						
Flaming criteria	Unsafe escalating combustion	NO	NO	NO	horizontal assembly			vertical assembly		
	Test assembly consumed	NO	NO	NO	len-gth	wi-dth	de-pth	len-gth	wi-dth	de-pth
	Flames to extremities	NO	NO	NO						
	Flames through thickness	NO	NO	NO	13	11	1	80	12	2
	Flames longer than 120 s	NO	NO	NO						

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.

LABORATORIUM
SIGNED: 