

## FLAMMABILITY TEST REPORT

**Report No.:** LEHTX00866646    **Date Received:** 08/02/16    **Date Tested:** 12/02/16    **Date Issued:** 12/02/16

**Company Name & Address:** ORGANIKA S.A.  
UL. BOCZNA 10  
82-200 MALBORK  
POLAND

**Contact Name:** OLGA BABCIAK

**Sample Details**

Description: White coloured polyurethane foam blocks  
Style No.: CME-22090  
Production Date: 22.01.2016  
Batch No.: 6012209  
Colour: White  
Producer: Malborskie Zakłady Chemiczne "Organika" S.A  
Intended Use: Furniture  
Quoted Fibre Composition: Polyurethane Foam  
Retailer: Not stated  
Sample Description: White coloured polyurethane foam

Test Method	Pre Treatment	Flammability Performance Requirements	Result
BS 5852: Part 2: 1982, Ignition source 5 (Crib 5). As modified by Schedule 1 Part 1 of the Furniture & Furnishings (Fire) (Safety) Regulations 1988 (As Amended).	None	As Schedule 1 Part 1 (Ignition test for polyurethane foam in slab or cushion form) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).	<b>Complies</b>

.....  
**STEVEN OWEN**  
(Chemical Technologist)

  
.....  
**ANDREW HALLETT**  
(Flammability Team Leader)

.....  
**CAROLE SPOWART**  
(Flammability Technician)

.....  
**SIMON CHEE**  
(Operations Manager)

## FLAMMABILITY TEST REPORT

### Filling Specification

Filling Type: Polyurethane foam  
Density / Hardness: Not stated / Not stated  
Cover Fabric: Standard test fabric as detailed in Schedule 1 Part 1 of The Furniture (Fire) (Safety) Regulations 1988 (as amended).

### Conditioning

Prior to Testing: At least 72 hours in ambient indoor conditions, then at least 16 hours in an atmosphere having a temperature of 20±5°C and a relative humidity of 50±20%  
At Time of Testing: Temperature between 15°C & 30°C. Relative humidity between 20% & 70%

### Test Results

*"The following test results relate only to the ignitability of the combination of upholstery composites under the particular conditions of test; they are not intended as a means of assessing the fully potential fire hazard of the materials in use."*

Pass / Fail Criteria	Initial test	Repeat test
<b>Progressive smouldering failure</b>		
Externally detectable amounts of smoke, heat or glowing 60 min after crib ignition	No	No
Escalating smouldering behaviour rendered the test unsafe to continue and required forcible extinction	No	No
Smouldering essentially consumed the test specimen within the duration of the test	No	No
<b>Flaming failure</b>		
The test specimen continued to flame for more than 10 minutes after the ignition of the crib	No	No
Escalating combustion behaviour rendered the test unsafe to continue and required forcible extinction	No	No
Flaming essentially consumed the test specimen within the duration of the test	No	No
<b>Final examination</b>		
Progressive smouldering was observed when the sample was dismantled	No	No
<b>Comments</b>		
Time to extinction of flames after crib ignition	2 Minutes 36 Seconds	2 Minutes 50 Seconds
Time to extinction of glowing after crib ignition	Due to the position of the crib within the test specimen it was not possible to see when glowing ceased	Due to the position of the crib within the test specimen it was not possible to see when glowing ceased
Time to extinction of smoke after crib ignition	Due to the amount of smoke in the test enclosure it was not possible to see when smoking ceased	Due to the amount of smoke in the test enclosure it was not possible to see when smoking ceased
Maximum extent of damage to back (mm) Length / Width	400      140	400      170
Maximum extent of damage to base (mm) Length / Width	105      165	100      165
The resultant mass loss exceeded 60g	No (30g)	No (33g)
<b>Test Result</b>	<b>PASS</b>	<b>PASS</b>

### Conclusions

The sample tested meets the requirements of Schedule 1 Part 1 (Ignition test for polyurethane foam in slab or cushion form) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). **PASS.**

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or willful misconduct.