

## FLAMMABILITY TEST REPORT

**Report No.:** LEI21061906A      **Date Received:** 18/06/21      **Date Tested:** 24/06/21      **Date Issued:** 24/06/21

**Company Name & Address:** EUROFOAM POLSKA SP. Z O.O.  
95-100 ZGIERZ,  
SZCZAWINSKA 42,  
POLAND

**Contact Name:** RYSZARD JANISZEWSKI

### Sample Details

Reference No.: Not stated  
Order No.: Not stated  
Sample Details: PUR Foam RF30120, density 30kg/m<sup>3</sup>, hardness 120N, run Q1117, foaming 01.06.2021, cutting 11.06.2021, packaging 11.06.2021  
Batch No.: Run Q1117 / foaming 01.06.2021  
Quality: RF30120  
Colour: White  
Supplier: Eurofoam Polska Sp. z o.o.  
Intended Use: For furniture or mattress  
Quoted Fibre Composition: N/A  
Retailer: IKEA and other  
Buying Division: 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**  
(Technical & Operational Excellence Manager)

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

.....  
**CAROLE SPOWART**  
(Flammability Administrator)

.....  
**GREGORY JAMES**  
(Flammability Technician)

Report No.: LEI21061906A Page 1 of 3

## FLAMMABILITY TEST REPORT

### Filling Specification

Filling Type: Polyurethane Foam  
Density / Hardness: 30kg/m<sup>3</sup> / 120N  
Cover Fabric: Standard test fabric as detailed in Schedule 1 Part 1 of The Furniture (Fire) (Safety) Regulations 1988 (as amended).

### Uncertainty of Measurement

The uncertainty of measurement has been estimated to be 5.99%

### 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	3 Minutes 24 Seconds	3 Minutes 28 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   148	400   152
Maximum extent of damage to base (mm) Length / Width	110   138	115   167
The resultant mass loss exceeded 60g	No (30g)	No (38g)
<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**

## FLAMMABILITY TEST REPORT

The client acknowledges and agrees that any services provided and/or reports produced by Intertek are done so within the limits of the scope of work agreed pursuant to the client's specific instructions. This report relates specifically to the sample(s) tested that were drawn and delivered by the client or their nominated third party. Intertek does not make any representation or warranty for any bulk samples or certify the bulk samples received from the client. Furthermore, Intertek does not provide a warranty or verification on the sample(s) representing any specific goods, material and/or shipment and only relate to the sample(s) as received and tested. Intertek 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 wilful misconduct. In no event, will the contents of any reports or any extracts, excerpts or parts of any reports be distributed or published without the prior written consent of Intertek in each instance. Only the client is authorized to permit copying or distribution of this report (and then only in its entirety). Any such third parties to whom this report may be circulated rely on the content of the report solely at their own risk.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of  $k = 2$ , providing a level of confidence of approximately 95 %. Unless otherwise specified all compliance and pass/fail statements are binary simple acceptance based on the tolerance interval and, with the exception of graded methods, a test uncertainty ratio greater (TUR) than 4:1. For graded methods the TUR will drop to as low as 0.5:1 when the tolerance limits are within a grade division of the upper scale limit. The Uncertainty budgets are stated for each Test method, these are for reference, and should be considered when results are on or close to Specification Limits / Requirements and in such cases it should be noted that the risk of false acceptance or rejection may be as high as 50%, for further information please refer to ILAC G8.