

FLAMMABILITY TEST REPORT

Report No.: LEI19074203A **Date Received:** 23/07/19 **Date Tested:** 29/07/19 **Date Issued:** 29/07/19

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 RF35120, density 35kg/m³, hardness 120N, run Q1483, foaming 10.07.2019, cutting 18.07.2019, packaging 18.07.19
 Batch No.: Q 1483 / run 10.07.2019
 Quality: RF35120
 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). | Complies |



.....
STEVEN OWEN
 (Technical & Operational
 Excellence Manager)

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

.....
CAROLE SPOWART
 (Flammability
 Administrator)

.....
GREGORY JAMES
 (Flammability Technician)

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Filling Specification

Filling Type: Polyurethane Foam
Density / Hardness: 35kg/m³ / 120N
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 |
|--|---|---|
| Progressive smouldering failure | | |
| 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 |
| Flaming failure | | |
| 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 |
| Final examination | | |
| Progressive smouldering was observed when the sample was dismantled | No | No |
| Comments | | |
| Time to extinction of flames after crib ignition | 3 Minutes 28 Seconds | 3 Minutes 51 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 | 400 149 | 400 105 |
| Maximum extent of damage to base (mm) Length / Width | 137 153 | 142 153 |
| The resultant mass loss exceeded 60g | No (34g) | No (33g) |
| Test Result | PASS | PASS |

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**

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