Intertek
The Warehouse
Brewery Lane
Leigh WN7 2RJ
UK

Tel +44 1942 265 700
consumergoods.uk@intertek.com
intertek.com

FLAMMABILITY TEST REPORT

Report No.: LEI19024124A **Date Received:** 19/02/19 **Date Tested:** 25/02/19 **Date Issued:** 25/02/19

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
Description:	PUR Foam NF 2328, density: 23kg/m³ hardness: 2,8 kPa, run Q244, foaming 28.01.2019, cutting15.02.2019, packaging 15.02.2019
Batch No.:	Run Q244, foaming 28.01.2019
Quality:	NF2328
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:	23kg/m³ / 2,8KPa
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	2 Minutes 55 Seconds		3 Minutes 20 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	152	400	170
Maximum extent of damage to base (mm) Length / Width	144	184	137	308
The resultant mass loss exceeded 60g	No (37g)		No (37g)	
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.**

ITS Testing Services (UK) Ltd
Registered in England No. 1408264. Registered Office: Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ

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