

FLAMMABILITY TEST REPORT

Report No.: LEI25021304A
Original

Date Received: 13/02/25

Date Tested: 19/02/25

Date Issued: 19/02/25

Company Name & Address: ENGLISCH DEKOR HANDELS GMBH&COKG
SCHEYDGASSE 29
1210 WIEN
AUSTRIA

Contact Name: CHRISTINE JOST

Sample Details

Order No.: Not stated
Description: ALBERTINA
Ref./Style No.: Geometric
Colour: Grey/beige
Quality: ALBERTINA
Supplier: EV
Batch No.: E231020
End Use: Upholstery fabric
No. Of Samples: Not stated
Quoted Fibre Composition: 52%PES, 48%CV
Retailer: General
Care Instructions: Dry Cleaning
Buying Division: Not stated
Sample Description: Grey and black coloured woven fabric with beige coloured pile

Test Method	Pre Treatment	Requirement	Result
BS EN 1021-1: 2014 (Cigarette Test)	None	As BS EN 1021-1: 2014 (Cigarette Test)	Non Ignition (PASS)
BS EN 1021-2:2014 (Match Flame Equivalent)	None	As BS EN 1021-2:2014 (Match Flame Equivalent)	Non Ignition (PASS)
Note: Fabric was submitted for test rather than the upholstery composite so as suggested by The Guide to the Furniture Regulations the cover fabric was tested for cigarette resistance using standard polyurethane foam (non-modified) as this will give the furniture manufacturer a good indication of its likelihood to pass the cigarette test for the finished article			

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STEVEN OWEN
(Technical & Operational
Excellence Manager)

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ANDREW HALLETT
(Flammability Team Leader)

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CAROLE SPOWART
(Flammability
Administrator)

.....
TREFOR LEE
(Senior Flammability
Technician)

Test Specification

Test Method: BS EN 1021-1: 2014 (Cigarette test)
Ignition Source: Source 0: Filterless Cigarette
Side Tested: Face

Filling Specification

Filling Type: Polyurethane Foam
Supplier / Grade: Carpenter / RP21130 Unmodified
Size: 450 X 300 X 75mm (back) & 450 X 150 X 75mm (seat)
Density / Hardness: 20-22 kg/m³ / Type B, 130N

Uncertainty of Measurement

The uncertainty of measurement has been estimated to be 0.03%

Pre-treatment / Durability procedure

None

Conditioning

Prior to testing: At least 24 hours in an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5%
At time of testing: Temperature of 10 °C to 30 °C and a relative humidity of 15 % to 80 %

Test Results Cigarette Test

Test number / position	1	2
Criterion of ignition		
Smouldering Criteria		
Unsafe escalating combustion (3.1a)	No	No
Test assembly consumed (3.1b)	No	No
Smoulders to extremities (3.1c)	No	No
Smoulders more than 1 hour (3.1d)	No	No
In final examination, presence of active smouldering (3.1e)	No	No
Occurrence of flames (3.2)	No	No
Comments		
Flaming ceased	-	-
Sample glowing ceased	-	-
Smoke ceased	< 22 Minutes	< 23 Minutes
Result (Ignition / Non Ignition)	NI	NI

"The above test results relate only to the ignitability of the combinations 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.

Test Specification

Test Method: BS EN 1021-2: 2014 (Match Flame Equivalent)
Ignition Source: Source 1: Butane Gas flowing at 45ml/min
Side Tested: Face

Filling Specification

Filling Type: Polyurethane Foam
Supplier / Grade: Carpenter / RP21130 Unmodified
Size: 450 X 300 X 75mm (back) & 450 X 150 X 75mm (seat)
Density / Hardness: 20-22 kg/m³ / Type B, 130N

Uncertainty of Measurement

The uncertainty of measurement has been estimated to be 5.43%

Pre-treatment / Durability procedure

None

Conditioning

Prior to testing: At least 24 hours in an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5%
At time of testing: Temperature of 10 °C to 30 °C and a relative humidity of 15 % to 80 %

Match flame equivalent

Test number / position	1	2	3
Criterion of ignition			
Smouldering Criteria			
Unsafe escalating combustion (3.1a)	No	No	No
Test assembly consumed (3.1b)	No	No	No
Smoulders to extremities (3.1c)	No	No	No
Smoulders through thickness (3.1c)	No	No	No
Smoulders more than 1 hour (3.1d)	No	No	No
In final examination, presence of active smouldering (3.1e)	No	No	No
Flaming criteria			
Unsafe escalating combustion (3.2a)	No	No	No
Test assembly consumed (3.2b)	No	No	No
Flames to extremities (3.2c)	No	No	No
Flames through thickness (3.2c)	No	No	No
Flames longer than 120 s (3.2d)	No	No	No
Comments			
Flaming ceased	0 Seconds	0 Seconds	0 Seconds
Glowing ceased	-	-	-
Smoke ceased	16 Seconds	15 Seconds	15 Seconds
Result (Ignition / Non Ignition)	NI	NI	NI

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