

## FLAMMABILITY TEST REPORT

**Report No.:** LEI24101410B Original    **Date Received:** 18/10/24    **Date Tested:** 24/10/24    **Date Issued:** 24/10/24

**Company Name & Address:** NEVOTEX  
GJUTAREGATAN 8  
571 41 NÄSSJÖ  
SWEDEN  
57141

**Contact Name:** ANDERS BERGQVIST

**Sample Details**

Order No.: Not stated  
 Sample Description: Bouclé not FR treated  
 Ref/Style No.: Barnum  
 Colour: 23 Rust  
 Quality: Woven boucle  
 Supplier: Not stated  
 Batch No.: Not stated  
 End Use: Upholstery residential and contract  
 No. Of Sample: Not stated  
 Quoted Fibre Composition: 45% Bomull, 19% VISCOS, 15% Ull, 13% Akryl, 8% Polyamide  
 Retailer: General  
 Buying Division: Not stated  
 Specification No.: Not stated  
 Care Instructions: Not stated  
 Sample Description: Red coloured knitted fabric with pile and grey coloured woven backing

Test Method	Pre Treatment	Requirement	Result
BS EN 1021-1: 2014 (Cigarette Test)	None	As BS EN 1021-1: 2014 (Cigarette Test)	<b>Non Ignition (PASS)</b>
BS EN 1021-2:2014 (Match Flame Equivalent)	None	As BS EN 1021-2:2014 (Match Flame Equivalent)	<b>Non Ignition (PASS)</b>



ANDREW HALLETT  
(Flammability Team Leader)

STEVEN OWEN  
(Technical & Operational  
Excellence Manager)

CAROLE SPOWART  
(Flammability  
Administrator)

TREFOR LEE  
(Senior Flammability  
Technician)



## FLAMMABILITY TEST REPORT

### 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/m<sup>3</sup> / 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
<b>Criterion of ignition</b>		
<b>Smouldering Criteria</b>		
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
<b>Comments</b>		
Flaming ceased	-	-
Sample glowing ceased	-	-
Smoke ceased	< 23 Minutes	< 24 Minutes
<b>Result (Ignition / Non Ignition)</b>	<b>NI</b>	<b>NI</b>

*"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."*

## FLAMMABILITY TEST REPORT

### 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/m<sup>3</sup> / 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
<b>Criterion of ignition</b>			
<b>Smouldering Criteria</b>			
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
<b>Flaming criteria</b>			
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
<b>Comments</b>			
Flaming ceased	0 Seconds	0 Seconds	0 Seconds
Glowing ceased	-	-	-
Smoke ceased	6 Seconds	7 Seconds	6 Seconds
<b>Result (Ignition / Non Ignition)</b>	<b>NI</b>	<b>NI</b>	<b>NI</b>

"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."

## FLAMMABILITY TEST REPORT

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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.