

## FLAMMABILITY TEST REPORT

**Report No.:** LEI23070498B  
Original

**Date Received:** 05/07/23

**Date Tested:** 12/07/23

**Date Issued:** 12/07/23

**Company Name & Address:** ARISTIDE NV  
NACHTEGAALSTRAAT 109  
KONTICH  
BELGIUM  
2550

**Contact Name:** SAPIR

**Sample Details:**

Order No.: Not stated  
Description: Embossed rattan texture  
Ref./Style No.: ROTAN  
Colour: Brown  
Quality: Faux leather  
Supplier: Not stated  
Batch No.: Not stated  
End Use: Uphosltery  
Quoted Fibre Composition: PU 7%, PVC 72%, Polyester 21%  
Weight/Width: 760 gsm  
Retailer: Not stated  
Specification No.: Not stated  
Sample Description: Brown coloured woven fabric

Test Method	Pre Treatment	Flammability Performance Requirements	Result
IMO FTP Code (2010) – Annex 1, Part 8 (Smouldering cigarette test)	None	IMO FTP Code (2010) – Annex 1, Part 8	<b>PASS</b>
IMO FTP Code (2010) – Annex 1, Part 8 (Propane flame test)	None	IMO FTP Code (2010) – Annex 1, Part 8	<b>PASS</b>



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### Additional Information (Annex)

Name and Address of the Sponsor:	Not stated
Name and Address of the Manufacturer/Supplier (If known):	Not stated
Type of Furniture:	Upholstery fabric
Fabric Details – Weave/Density/Yarn count/thickness(mm)/mass(g/m <sup>2</sup> )	Not stated
Colour & Tone:	Brown
Fire Retardant Treatment:	Not stated

### Uncertainty of Measurement

The uncertainty of measurement for Ignition source 0 has been estimated to be 0.03%

The uncertainty of measurement for Ignition source 1 has been estimated to be 5.43%

### Test Specification

Test Method:	IMO FTP Code (2010) – Annex 1, Part 8
Ignition Source:	Ignition source 0: Filterless cigarette Ignition source 1: Propane Gas (95% Purity) flowing at 6.38±0.25 g/hour @ 20°C.
Flame Application Time:	20±1 seconds
Side Tested:	Face

### Cigarette Specification

Cigarette Type:	Filterless cigarette
Dimensions:	Length: 70±4 mm Diameter: 8±0.5 mm
Mass:	0.95±0.15 g
Smouldering Rate:	11±4.0 min/50mm

### 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

### Pre-treatment / Durability procedure

None. Tested as received

### Conditioning

Prior to Testing:	At least 72 hours in ambient indoor conditions, then at least 16 hours in an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5%
At Time of Testing:	Temperature between 15°C & 25°C. Relative humidity between 20% & 70%

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### Test Results

*"The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use."*

Cigarette Test	Initial		Repeat	
<b>Criterion of Ignition</b>				
Smoulders More Than 1 Hour	No		No	
In Final Examination, Presence of Active Smouldering	No		No	
Occurrence Of Flames	No		No	
<b>Comments</b>				
Flaming Ceased	-		-	
Glowing Ceased	-		-	
Smoke Ceased	The cigarette failed to burn its complete length, there was no flaming or progressive smouldering.		The cigarette failed to burn its complete length, there was no flaming or progressive smouldering.	
<b>Extent of Damage (Burning and/or Charring)</b>				
Damage to Back (mm) Length / Width	-	-	-	-
Damage to Base (mm) Length / Width	-	-	-	-
<b>Result</b>	<b>PASS</b>		<b>PASS</b>	

Propane Flame Test	Initial		Repeat	
<b>Criterion of Ignition</b>				
Smoulders More Than 1 Hour	No		No	
In Final Examination, Presence of Active Smouldering	No		No	
Flames For Longer Than 120 Seconds	No		No	
<b>Comments</b>				
Flaming Ceased	-		-	
Glowing Ceased	-		-	
Smoke Ceased	17 Seconds		16 Seconds	
<b>Extent of Damage (Burning and/or Charring)</b>				
Damage to Back (mm) Length / Width	65	15	65	15
Damage to Base (mm) Length / Width	10	11	10	15
<b>Result</b>	<b>PASS</b>		<b>PASS</b>	

### Conclusions

When tested over RP21130 foam) the sample meets the flammability performance requirements of the smouldering cigarette test in FTP Code (2010) – Annex 1, Part 8. **PASS.**

When tested over RP21130 foam the sample meets the flammability performance requirements of the propane flame test in FTP Code (2010) – Annex 1, Part 8. **PASS.**

## 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.