

## TEST REPORT

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**REPORT NUMBER :** TURT190060323\_REVISED01  
**APPLICANT NAME** Aristide  
**ADDRESS** Nachtegaalstraat 109,B-2550 Kontich, Belgium  
Tel: 0032 34579911  
**Attention : Pieter-Jan Debusschere** ([pieter-jan@aristide.be](mailto:pieter-jan@aristide.be))  
**BUYER** Not Given  
**SAMPLE DESCRIPTION :** One sample of grey woven fabric  
**DATE IN :** 02 April, 2019 (09:49)  
**DATE OUT :** 09 April, 2019 / 26 November, 2019  
**FIBER COMPOSITION :** Claimed to be 100%Wool  
**MODEL STYLE NO:** QASHQAI  
**NOTE :** Test methods were given by the applicant.  
In this revised 01 report, model style no was changed by the request of the applicant.  
This report replaced the report no TURT190060323 dated on 09 April, 2019 and must be used instead of it  
Report no TURT190060323 dated 09 April, 2019 is invalid

PP



Mete AYDIN

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Customer Care Executive



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Textile Laboratory Manager

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**\* 140135817\***  
190060323\_REVISED01

Test Method	Result	Requirements
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TEST	SAMPLE
FLAMMABILITY TEST (CIGARETTE)	P
FLAMMABILITY TEST (MATCH)	P
FLAMMABILITY TEST	P

P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE/ LS : LACK OF SAMPLE

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Test Method	Result	Requirements
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## Flammability Test

BS 5852 :1979 Part 1

### Test Specification

Test Method: BS 5852-1: 1979 as modified by Schedule 4 Part 1 and Schedule 5 Part 1 of The Furniture and Furnishing (fire) (safety) Regulations 1988 (as amended)  
Criterin of Ignition: Ignition Source 0: Calibrated Senior Service Cigarette  
Ignition Source 1: Butane Gas flowing at 45ml/minute @ 25°C.  
Flame Application Time: 20±1 seconds  
Side Tested: Face

### Filling Specification

Filling type: Polyurethane foam  
Size: 450 x 300 x 75 mm (back) & 450 x 150 x 75 mm (seat)  
Density / Hardness: 20-22 kg/m<sup>3</sup> / Type B Hardness grade 130

### Pre-treatment / Durability procedure

None

### 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 of 15 to 30°C and a relative humidity of 20% to 70%

Test Method	Result	Requirements
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### Flammability Test

BS 5852 1979: Part 1

Test Method	Pre Treatment	Flammability Performance Requirements	Result
BS 5852: Part 1: 1979, Ignition source 0 (Cigarette)	None	Compliance with Schedule 4 Part 1 (The cigarette test) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).	<b>PASS</b>
<p><b>Note:</b> 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.</p>			
BS 5852: Part 1: 1979, Ignition source 1 (Match)	None	Compliance with Schedule 5 Part 1 (The match test) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).	<b>PASS</b>

### Test Results

"The following test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a mean of assessing the full potential fire hazard of materials in use."

Cigarette Test	Specimen No	Cigarette Burning Time	Flaming	Progressive Smouldering	Covering Splitting	Result
	1	****	N	N	N	PASS
	2	****	N	N	N	PASS

Match Test	Specimen No	Flaming	Progressive Smouldering	Covering Splitting	Result
	1	N*	N	N	PASS
	2	N*	N	N	PASS

\*Flaming ceased with removal of the burner

\*\*\*\*The cigarette failed to burn its complete length, there was no flaming or progressive smouldering.

Y: Yes N: No N/A: Not Applicable P: Pass F: Fail D: Depth L: Length W: Width

### Conclusion:

The composite tested meets the requirements of Schedule 4 Part 1 of the Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). **PASS**

The composite tested meets the requirements of Schedule 5 Part 1 of the Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). **PASS**

Test Method	Result	Requirements
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**(\*)Flammability Test**

BS 5852 Crib 5:2006

Sample 1

Test Method: BS 5852:2006 Clause 11 (upholstery composites) Ignition Source 5 (Crib 5)

**Filling Spesification**

**Filling Type:** Polyurethane foam  
**Size:** 450 x 450 x 75 mm (back)  
450 x 300 x 75 mm (seat)

**Note:** The customer requested that the test be carried out over CMHR foam with an approximate density 37 kg/m<sup>3</sup> and 105-115 N hardness.

**Pre-treatment / Durability procedure**

None

**Conditioning**

Prior to testing: At least 72 hours in ambient indoor conditions,that at least 24 hours in an atmosphere having a temperature of 20±5°C and a relative humidity of 50 ±20%

At time of testing: Temperature of 15°C to 30°C and a relative humidity of 20% to 70%  
Air movement less than 0.2 m/s

Test Method	Pre Treatment	Requirement	Result
BS 5852: 2006 Clause 11 (upholstery composites) Ignition Source 5 (Crib 5)	None	BS 5852: 2006 Clause 11 (upholstery composites) Ignition Source 5 (Crib 5)	I/5 (FAIL) <input type="checkbox"/> NI/5 (PASS) ↔

**Test Result**

"The following test results relate only to the ignitability of the combination of materials under the particular conditions of test stated; they are not intended as a mean of assessing the full potential fire hazard of materials or products in use."

Test Method	Result	Requirements
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Criteria	Initial Test	Repeat Test
<b>Progressive smouldering failure</b>		
Escalating smouldering behaviour rendered the test unsafe to continue and required forcible extinction	-	-
Externally detectable amounts of smoke, heat or glowing within 60 minutes after crib extinction	-	-
Smouldering essentially consumed the test specimen within the duration of the test / Smouldering reached the extremities of the test specimen (Other than the top of the vertical part of the test specimen) within the duration of the test	-	-
<b>Flaming failure</b>		
Escalating combustion behaviour rendered the test unsafe to continue and required forcible extinction	NO	NO
The test specimen continued to flame for more than 10 minutes after the ignition of the crib	NO	NO
Flaming essentially consumed the test specimen within the duration of the test	NO	NO
Flaming reached the extremities of the test specimen (Other than the top of the vertical part of the test specimen) within the duration of the test	NO	NO
Debris from the test specimen caused an isolated floor fire that continued to flame for more than 10 minutes after the ignition of the crib.	-	-

Test Method	Result		Requirements	
<b>Criteria</b>	<b>Initial Test</b>		<b>Repeat Test</b>	
<b>Final examination</b>				
Progressive smouldering was observed when the sample was dismantled	NO		NO	
Evidence of charring within the filling (other than discolouration) more than 100 mm in any direction apart from upwards, from the nearest part of the original position of the ignition source	NO		NO	
Time to extinction of flames after crib ignition	6 min 62 sec		5 min 40 sec	
Time to extinction of glowing after crib ignition	-		-	
Time to extinction of smoke after crib ignition	-		-	
Maximum extent of damage to back (mm) Length / Width	L 300	W 95	L 320	W 87
Maximum extent of damage to base (mm) Length / Width	L 100	W 65	L 94	W 58
<b>Test Result :</b> <b>Ignition performance index: "Clause 11/NI/5"</b>  <b>PASS</b>				

I: Ignition      NI: Non- Ignition      L: Length      W: Width

- The sample was extinguished because of dangerous burning

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## END OF TEST REPORT ##