AB-0716-T
TURT190060323_REV01
11-19

TEST REPORT

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)**
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

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Test Method	Result	Requirements

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

The reported uncertainity is based on a standard uncertainity multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainity evaluation has been carried out in accordance with ISO/IEC 17025 and TÜRKAK accreditation requirements. Unless otherwise is specified, all Pass or Fail results are given without uncertainity considered. When uncertainity is taken into account, the result may be borderline. Borderline results need to be re-tested to determine their disposition up to customer's decision. Opinions and interpretations expressed herein are outside the scope of TÜRKAK accreditation. Tests marked (*) in this test report are not included in the TÜRKAK accreditation schedule for this laboratory.

Test Method	Result	Requirements

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 Furniching (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^3 / 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 rel ative 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

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).	**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 likehood to pass the cigarette test for the finished article.			
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).	**PASS**

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

(*)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/m³ 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)** ☐ **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

Criteria	Initial Test	Repeat Test
Progressive smouldering failure		
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	-	-
Flaming failure		
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

Criteria	Initial Test		Repeat Test	
Final examination				
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
Test Result : **Ignition performance index: ''Clause 11/NI/5''** **PASS**				

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

- The sample was extinquished because of dangerous burning

END OF TEST REPORT