



Test
TS EN ISO/IEC 17025
AB-0716-T

AB-0716-T
TURT200141280
10-20

TEST REPORT

REPORT NUMBER : TURT200141280
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SAMPLE DESCRIPTION : One sample of navy/brown knitted fabric (STRONG)
DATE IN : 26 October ,2020 (13:50:00)
DATE OUT : 27 October ,2020
SAMPLE TYPE : Claimed to be 380 g/m²
SUPPLIER : STRONG
FIBER COMPOSITION : Claimed to be 100% Polyester
NOTE : Test method and requirement were given by the applicant.

In this report, Flammability test result was quoted from the report TURT200126576_REVISED01 by the request of the applicant.

PROVIDED CARE LABEL : Not Given

	SAMPLE
TEST	1
Flammability test	F

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 / NC = NO COMMENT / I = INCONCLUSIVE / # = SEE RESULT / NF = NEEDS FURTHER TESTING / A = ABSENT / M = MARGINAL ACCEPT / SD = SEE DETAILS ENCLOSED / FS = FURTHER STEPS / P* = COMMERCIALY ACCEPTED BY CLIENT

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Flammability Test

BS 5852 :1979 Part 1

TestSpecification

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)

Criteria 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 75mm (seat)

Density / Hardness: 20-22 kg/m³ / 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	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 likelihood 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).	FAIL

TestResults

"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	Flaming	Progressive Smouldering	Covering Splitting	Result
		Burning Time				
	1	18 min 10 sec	N	N	Y	PASS
	2	21 min 13 sec	N	N	Y	PASS

Match Test	Specimen No	Flaming	Progressive Smouldering	Covering Splitting	Result

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

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

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Conclusions:

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 does not meet the requirements of Schedule 5 Part 1 of the Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). **FAIL**

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END OF TEST REPORT