

TEST CERTIFICATE

DATE SUBMITTED: 14-JULY-2016
DATE ISSUED: 25-JULY-2016
REPORT NO: 37826
COMPANY ORDER NUMBER: 21501

CUSTOMER CONTACT NAMES: DONNA BARBER
TEL: 01502 575533
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COMPANY: FLAMENTEK LIMITED
RANNOCH HOUSE
HALL DRIVE
OULTON BROAD
LOWESTOFT
SUFFOLK
NR32 3PU

CUSTOMER SAMPLE DESCRIPTION

FIBRE COMPOSITION: 45% New Wool Worsted, 5% Nylon, 50% Polyester
QUALITY/BATCH REF: Floyd
SAMPLE COLOUR: Taupe
SAMPLE DESCRIPTION/QUALITY: Woven Fabric, treated with a **Duraflam**® Flame Retardant formulation by Fabric Flare Solutions Ltd.
END USE: Upholstery
FABRIC CUSTOMER: Kvadrat Holding
JOB REFERENCE: 21501

SPECIFICATIONS:

The Furniture & Furnishing (Fire) (Safety) (Amendment) Regulations 1988, S.I. No 1324

TEST METHOD:

BS 5852 Part 1: 1979 – Methods of test for the ignitibility by smokers, materials of upholstered composites for seating

CLEANSING:

Prior to conditioning the sample was cleansed using a water-soak procedure as described in BS 5651:1978, Clause 4 (as amended by the F&F Regulations) and then line dried

CONDITIONING PRIOR TO TESTING:

The sample was conditioned immediately before the test for @ least 72 h in indoor ambient conditions and then for @ least 16 h at 20 +/- 5 °C and 50 +/- 20 % r h

Authorised signatures:

Signed: v



Zeb Alam
Technical Manager

Please note: this test results issued on this certificate refer only to the item tested and therefore doesn't relate to the lot or batch of the product / sample. This test certificate shall not be duplicated.

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UPHOLSTERY FILLING SOURCE 0&1:

GRADE: Non Fire - Retardant Foam
 APPROX DENSITY: 20 – 22 kg per m³
 APPROX HARDNESS RANGE: 130 N
 SIZE OF TEST RIG:
 BACK JUNCTION: 450+/-2 mm x 300+/-2 mm
 SEAT JUNCTION: 450+/-2 mm x 150+/-2 mm

PROCEDURE:

The sample was mounted over foam as described above using the test rig as specified in BS 5852: 1979 Part 1, Clause 6 Apparatus

TESTING ENCLOSURE AND ATMOSPHERE:

The sample was tested in an atmosphere with a temperature of 15 °C to 30°C and a relative humidity of 20% to 70%. The sample was tested in an enclosure with a volume greater than 20m³

REQUIREMENTS:

Ignition Source: 0 (Cigarette)
 Progressive Smouldering (detected within duration): 60 minutes after ignition of cigarette
 Flaming (detected within duration): 60 minutes after ignition of cigarette
 Ignition Source: 1 (Match)
 Flaming (maximum duration): 2 minutes after ignition of burner
 Progressive Smouldering: *In compliance with The DTI guide to the FFSR page 20*

DATE OF TEST: 25-July-2016

Fire test carried out by: Peter Chan

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 means of assessing the full potential fire hazard of the materials in use.

Observation of test:

Ignition Sources		Position	Duration of		Special Features of Burning	
			Flames (minutes)	Smouldering (minutes)	Charring	Melting
Test 1	Source 0	LHS	00.00	Failed to Smoulder	Yes	No
Test 2	Source 0	RHS	00.00	Failed to Smoulder	Yes	No
Test 1	Source 1	LHS	00.00	00.00	Yes	No
Test 2	Source 1	RHS	00.00	00.00	Yes	No

LHS=Left Hand Side M= Middle RHS= Right Hand Side

COMMENTS & OBSERVATIONS:

The sample tested complies with the flammability requirements of BS 5852: 1979 Part 1 ignition source 0 (cigarette) & source 1 (match) in accordance with the modifications stated in Schedules 4 & 5 of the Statutory Instruments 1988 No. 1324 Consumer Protection The Furniture & Furnishings (Fire) (Safety) Regulations 1988 & Amendment No. 2358 1989

Schedule 4 (cigarette) Test: **PASS (P0)**

Schedule 5 (match) Test: **PASS (P1)**

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