

Our Ref: SW/LS

21 December 2021

Report 385140

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Woven Art Company Limited
Unit 16 Deansfield Drive
Link 59
Clitheroe
BB7 1QJ

Contact: Emily Cowman

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|-----------------------|---|-----------------------------|
| DATE RECEIVED | : | 15 DECEMBER 2021 |
| DATE TESTED | : | 21 DECEMBER 2021 |
| QUALITY REFERENCE | : | SUMMER PRINT RANGE |
| REPUTED FIBRE CONTENT | : | 100% COTTON |
| COLOUR / DESIGN | : | DITSY DAPHNIE – INDIGO |
| FABRIC DESCRIPTION | : | WOVEN |
| END USE | : | GENERAL DOMESTIC UPHOLSTERY |
| BATCH NUMBER | : | D19341 |
| ORDER NUMBER | : | SUMMER |

REQUEST: THE FURNITURE AND FURNISHINGS (FIRE) (SAFETY) REGULATIONS 1988
(Statutory Instrument 1988 No 1324 and subsequent amendments) Schedule 4 Part I

RESULT: The sample submitted, when tested as described above, complies with the
requirements of Schedule 4 Part I of the Regulations



S. WISEMAN
LABORATORY DIRECTOR



L. SMITH
QUALITY COORDINATOR

This report shall not be reproduced except in full without written approval of HSTTS. In all circumstances results of tests are implied as referring only to the sample supplied and should not be construed or interpreted on any other basis. The comments given in the report are for guidance only and are not a part of the results. Where specified in a test method preconditioning in accordance with ISO 139 is not carried out as samples are exposed to the conditioning atmosphere specified within ISO 139 for a minimum of 16 hours prior to test.



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**THE FURNITURE AND FURNISHINGS (FIRE) (SAFETY) REGULATIONS 1988
(Statutory Instrument 1988 No 1324 and subsequent amendments)
Schedule 4 Part I**

The Regulations specify a method of test for examining the ignitability properties of fabrics for use in domestic furniture as defined within the Regulations, both based on “Ignitability by smoker’s materials of upholstered composites for seating” (BS 5852: Part 1:1979). This test is (a) the ‘cigarette’ test as modified by Schedule 4 Part I of the Regulations.

Procedure

Specimens were stated to have not received a chemical FR treatment and were therefore tested in the ‘as received’ condition. The specimens were mounted over a combustion modified high resilience foam with a density of approximately 24-26 kg/m³.

The cigarette test is an indicative test only as it is intended that the test is performed on the actual upholstery composite, details of which are not always known to the cover fabric supplier.

Tests were made in accordance with BS 5852: Part 1: 1979 after being conditioned for 72 h in indoor ambient conditions and then 24 h at the following conditions: Temperature (20 ± 5) °C and relative humidity (50 ± 20) %

Requirements

Ignition Source 0
(cigarette test)

No flaming; No progressive smouldering one hour after the placement of the cigarette.

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.

They also only relate to the materials tested. They do not guarantee to represent the performance of production materials.

| <u>Ignition Source</u> | <u>Observations</u> | <u>Result</u> |
|------------------------|--|---------------|
| 0 | No flaming or progressive smouldering was observed within 60 minutes of the placement of the cigarettes. | Pass |

Decision rules

The decision rule applicable to statements of conformity relating to the test(s) carried out is simple acceptance based on the measured test results not falling within a range either side of a specified limit that is equal to the uncertainty of measurement for the parameter measured (based on 95% confidence levels). In all other regards, the decision rule is based on simple acceptance predicated upon the conditions of testing falling within the criteria for test set out in the test method with a conformance probability of 95%. The risk of false accept or false reject is therefore not greater than 2.5%.

| | | |
|-----------------------------|------------|--------|
| Uncertainty of measurement: | Timings | ±0.4s |
| | Dimensions | ±0.5mm |

