HighStreet
TEXTILE TESTING SERVICES LIMITED

Our Ref: SW/LAS/RM 14 September 2022

**Report 396296** **Page 1 of 3**

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Portugal Contact: Patricia Caetano

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|---|---|---|
| DATE RECEIVED | : | 30 AUGUST 2022 |
| DATE TESTED | : | 14 SEPTEMBER 2022 |
| MANUFACTURER | : | MONTIERO RIBAS – REVESTIMENTOS S.A. |
| SUPPLIER | : | NOT GIVEN |
| TYPE OF FURNITURE | : | VARIOUS (SEAT/ SOFA/ OFFICE CHAIR) |
| PRODUCT NAME/ ID | : | SI 1299/ 53 |
| REPUTED FIBRE CONTENT | : | 52% PU, 48% CO |
| COMPOSITION OF WEAVE | : | PLAIN |
| DENSITY (THREADS PER INCH) | : | NOT GIVEN |
| YARN NUMBER COUNT | : | NOT GIVEN |
| FABRIC THICKNESS (MM) | : | 0.9 – 1.1 |
| FABRIC WEIGHT (G/M²) | : | 460 ± 5% |
| COLOUR/ DESIGN | : | CREAM |
| FIRE RETARDANT | : | NONE (INTRINSICALLY FLAMEPROOF) |

REQUEST: IMO FTP Code 2010 – International Code for Application of Fire Test Procedures Annex I: Part 8 – Test for Upholstered Furniture

RESULT: The sample submitted, when tested as described, complies with the requirements of the IMO FTP Code 2010 Annex 1: Part 8

**S. WISEMAN**
**LABORATORY DIRECTOR**

**L. SMITH**
**QUALITY COORDINATOR**



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**IMO FTP Code 2010 – International Code for Application of Fire Test Procedures**
**Annex I: Part 8 – Test for Upholstered Furniture**

**Procedure**

Specimens were tested in the 'as received' condition after being conditioned for 72 hours in an indoor ambient atmosphere followed by a minimum of 16 hours in an atmosphere of (23 ± 2)°C and (50 ± 5)% relative humidity.

Tests were made in accordance with part 8 of the 2010 FTP code. The specimens were mounted over filings of non-flame-retardant polyurethane foam with a density of approximately 20-22 kg/m³. The smouldering cigarettes used were NIST standard reference material 1196a reduced to (70 ± 4)mm in length.

**Requirements**

| | |
|---|---|
| Smouldering Cigarette | No flaming or progressive smouldering shall be observed within 1 hour after the placement of the smouldering cigarettes. |
| Flame Ignition Source | All flaming and smouldering shall cease within 120 seconds after the removal of the flaming ignition source. |

**Results**

The results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

| **Parameter – Smouldering Cigarette** | **Test 1** | **Test 2** | **Outcome** |
|---|---|---|---|
| Progressive smouldering observed within 1 hr | No | No | Pass |
| Extent of damage to the specimen [mm] | 11 | 8 | |

| **Parameter – Flaming Ignition** | **Test 1** | **Test 2** | **Outcome** |
|---|---|---|---|
| Duration of flaming [sec] | 1 | 1 | Pass |
| Smouldering observed after 120 seconds | No | No | |
| Extent of damage to the specimen [mm] | 35 | 35 | |

**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 |