



TEST REPORT

Client: AB Ludvig Svensson
 Bangatan 8
 SE-511 82 Kinna
 Sweden

Entry No: 69854

Date received: 24/04/2015

Client's Description: Sample of fabric: Key, 100% Trevira CS

Test Required: Flammability in accordance with IMO 2010 FTP CODE ANNEX1 PART 8

Pre-treatment: None

Conditioning: A minimum of 96 hours at 50+/-5% Relative Humidity, 23+/-2°C

Date Tests Completed: 29/05/2015

The following test 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.

| Ignition Source | Observations | Result |
|------------------------------|---|--------|
| Smouldering cigarette | No flaming or progressive smouldering was observed within one hour of placement of the cigarettes. | PASS |
| Propane flame | Flaming ceased within the specified two minute period after removal of the propane flame and no progressive smouldering occurred. | PASS |

Note: A 35 kg/m³ CM foam (Carpenters RX36-125) was used as the filling

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This is hereby certified to be a correct return of the tests made of the items referred to herein



Dale Brockbank
 Materials Testing Manager
 01 June 2015

- ❖ Unless instructed otherwise by the client sample remnants will be disposed of after 28 days.
 - ❖ Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
 - ❖ Uncertainty budgets for test methods contained within this report are available on request.
- This Certificate relates only to the sample received and, unless that sample has been drawn by the staff of this laboratory, or its agent, and endorsed accordingly, any application of the result to a bulk quantity or other material is entirely the responsibility of the client.





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ANNEX

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| name and address of the manufacturer/supplier, if known | AB Ludvig Svensson Bangatan 8 SE-511 82 Kinna Sweden |
| type of the furniture, e.g., seat, sofa, office chair, etc | Unknown |
| name and/or identification of the product tested | Key |
| description of the sampling procedure, where relevant | Unknown |
| fabric material: materials such as wool, nylon, polyester, etc., and its composite ratio | 100% Trevira CS |
| composition of weave: such as plain, weave, twilled | Unknown |
| density (number/inch): the number of threads per inch in both warp and weft | Warp: 32, Weft: 33 |
| yarn number count | 20/2; 8,4/2 |
| thickness of the fabric in mm | Unknown |
| mass: weight per unit area (g/mm ²) | 485 |
| colour and tone: if the product has a pattern, the representative colour shall be described | Green |
| fabric fire retardant treatment | Permanently flame retardant fibre |
| filling material (name of the manufacturer, type designation) | foam (Carpenters RX36-125) |
| density: weight per unit volume (kg/m ³) and for products where thickness is difficult to measure exactly square density (g/m ²) | 35 kg/m ³ |
| filling fire retardant treatment, if any | CMHR |
| description of the specimen including dimensions and mass of the fabric and the fillings, colour, orientation of the fabric | Not known |
| dimensions and mass of cigarette used | 68 x 8mm 0.94g & 0.97g |
| smouldering rate of the cigarette used | 10 minutes 36 seconds per 50mm |
| extent of damage (burning and/or char) of specimen measured from the ignition source | Propane flame: 22 x 97mm, 22 x 75mm Cigarette: 65 x 20mm, 45 x 18mm |
| occurrence of progressive smouldering | No progressive smouldering |

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