



## TEST REPORT

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

**Entry No:** 69816

**Date received:** 23/04/2015

**Client's Description:** sample of fabric: Happy 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:** 27/05/2015

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/m<sup>3</sup> 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  
 28 May 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**

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	Happy
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: 69, Weft: 44
yarn number count	40/02; 5,1/1
thickness of the fabric in mm	Unknown
mass: weight per unit area (g/mm <sup>2</sup> )	430
colour and tone: if the product has a pattern, the representative colour shall be described	Pale 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 <sup>3</sup> ) and for products where thickness is difficult to measure exactly square density (g/m <sup>2</sup> )	35 kg/m <sup>3</sup>
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 0.92g & 0.95g
smouldering rate of the cigarette used	10 minutes 46 seconds per 50mm
extent of damage (burning and/or char) of specimen measured from the ignition source	Propane flame: 27 x 82mm, 24 x 90mm Cigarette: 65 x 19mm, 67 x 21mm
occurrence of progressive smouldering	No progressive smouldering

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