



TEST REPORT

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

Entry No: 90157

Date received: 21/09/2017

Client's Description: Sample of fabric Article: Mira, Composition: 100% Trevira CS, Weight: 460 g/m²

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: 02/10/2017

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	No flaming or progressive smouldering was observed after removal of the propane flame.	PASS

Note: A 35 kg/m³ CMHR 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
 02 October 2017

- ❖ 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	Mira
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	Weave
density (number/inch): the number of threads per inch in both warp and weft	Warp: 69, Weft: 58
yarn number count	Nm 40/2 & 5,1/1
thickness of the fabric in mm	-
mass: weight per unit area (g/mm ²)	460
colour and tone: if the product has a pattern, the representative colour shall be described	Beige/Brown
fabric fire retardant treatment	Permanently flame retardant fibre
filling material (name of the manufacturer, type designation)	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)	35kg/m ³
filling fire retardant treatment, if any	CMHR
dimensions and mass of cigarette used	0.93g and 0.89g 68mm x 8mm
smouldering rate of the cigarette used	10 minutes 22 seconds per 50mm
extent of damage (burning and/or char) of specimen measured from the ignition source	Match: 23x114mm and 24x112mm Cigarette: 71x10mm and 69x13mm
occurrence of progressive smouldering	No progressive smouldering occurred

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