



# Confidential Report

**Our Ref: 23/60565B2/01/23**





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Date: 31 January 2023

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**Client:** Kobefab International B.V.

De Vest 62  
5555 XP Valkenswaard  
Netherlands

**Job Title:** Fire Test on One Fabric Sample

**Clients Order Ref:** Project Number: 2245

**Date of Receipt:** 19 January 2023

**Date Test Started:** 31 January 2023

**Description of Sample:** One sample of fabric, which was referenced by the client as;

Lyrics CS 300 CM, stated to be: 100% Trev CS

**Work Requested:** We were asked to make the following fire test:

BS 7175 – Section 3 (Sources 0 and 1)

\* subcontracted test, UKAS accredited  
\*\* subcontracted test, EN ISO/IEC 17025 accredited  
\*\*\* not UKAS accredited



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Note: This report relates only to the items tested.

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**Client:** Kobefab International B.V.

## **FIRE TESTS ACCORDING TO BS 7175:1989 (2018)**

### **Methods of test for the Ignitability of bedcovers and pillows by smouldering and flaming ignition sources**

#### **Conditioning**

The sample was conditioned for 72 hours in indoor ambient conditions and then for at least 16 hours in an atmosphere having a temperature of  $20 \pm 5^\circ\text{C}$  and a relative humidity of  $65 \pm 5\%$ .

The sample was tested in a room volume of  $25\text{m}^3$  and  $18^\circ\text{C}$ .

#### **Procedure**

Specimens were tested in accordance with Section three of the above standard. The sponsor sampled the material and the specimens were tested as received.

Tests were made in using ignition sources 0 and 1, as specified in BS 5852:Part 2:1982.

#### **Requirements**

Ignition Source	Maximum duration allowed for progressive smouldering	Maximum duration allowed for flaming
0	60 minutes after placement of cigarette	Not Applicable
1 to 3	15 minutes after removal of burner tube	120 seconds after removal of burner tube
4 5	60 minutes after ignition of wood crib	10 minutes after ignition of wood crib
6 7	60 minutes after ignition of wood crib	13 minutes after ignition of wood crib

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### Results - Ignition Sources 0 & 1

The following test results relate only to the ignitability of the combination of materials under the particular conditions of the test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

	Source 0				Source 1			
	Spec. 1 Top in Fold	Spec. 2 Top in Fold	Spec. 1 Top	Spec. 2 Top	Spec. 1 Top	Spec. 2 Top	Spec. 1 Below	Spec. 2 Below
Time of Ignition (s)	--	--	--	--	3	3	3	3
Time of Flame Extinction (s)	--	--	--	--	1	1	7	11
Time of Smoke Extinction (s)	DNP	DNP	DNP	DNP	1	1	9	16
Progressive smouldering (glowing, heat or smoke)	No	No	No	No	No	No	No	No
Formation of hole through full thickness (On top only)	Yes	No	Yes	Yes	Yes	No	--	--
Maximum extent of damage of orthogonal directions (mm)	12mm x 13mm	13mm x 5mm	14mm x 28mm	12mm x 16mm	16mm x 15mm	20mm x 11mm	30mm x 23mm	72mm x 32mm
Total Distance of Orthogonal Directions (mm)	25 mm	18 mm	42 mm	28 mm	31 mm	31 mm	53 mm	104 mm
Melting	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dripping	No	No	No	No	No	No	Yes	Yes
Charring	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Concealed Smouldering on Final Inspection	No	No	No	No	No	No	No	No
<b>Specimen Result (I - Ignition or NI - Non-ignition)</b>	<b>NI</b>	<b>NI</b>	<b>NI</b>	<b>NI</b>	<b>NI</b>	<b>NI</b>	<b>NI</b>	<b>NI</b>



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## Comment

The result 'Non-Ignition' indicates the sample meets the performance requirements for that particular ignition source.

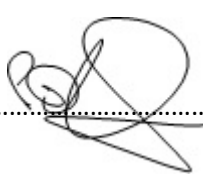
Where required to make a judgement to any pass/fail criteria an estimation of uncertainty of measurement has been taken into account. Under our Policy we have used a non-binary decision rule.

See our decision rules Policy (<https://www.bttg.co.uk/about-us/decision-rules-policy/>) for further information.

## Uncertainty Budget

Measurements:  $\pm 2\text{mm}$   
Timings:  $\pm 2$  seconds.

Reported by:   
B Bland  
Technical Customer Service Officer

Countersigned By:   
P Doherty  
Manager

Enquiries concerning this report should be addressed to Customer Services.



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