



# Confidential Report

**Our Ref: 23/60392B/11/22**





Wira House, West Park Ring Road, Leeds, LS16 6QL, UK.  
Telephone: +44 (0) 113 259 1999  
Email: [onestopshop@bttg.co.uk](mailto:onestopshop@bttg.co.uk)  
Website: [www.bttg.co.uk](http://www.bttg.co.uk)

Date: 30 November 2022

Our Ref: 23/60392B/11/22  
Your Ref: 2228

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**Client:** **Kobe International B.V.**

Des Vest 62  
5555 XP Valkenswaard  
Netherlands

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

**Clients Order Ref:** Project Number: 2228

**Date of Receipt:** 18 November 2021

**Date Test Started:** 29 November 2022

**Description of Sample:** One sample of fabric, which was referenced by the client as;  
Alpha CS 300 cm, stated to be: 51% CS - 49% Pes

**Work Requested:** We were asked to make the following fire test:  
BS 7175:1989 (2013) – Section 3 (Sources 0 and 1)

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

Note: This report relates only to the items tested.



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**Client:** Kobe 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**

**Date tested:** 29/11/22

**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  $17^\circ\text{C}$ .

**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.



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## Results

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

### Ignition Sources 0 & 1

	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	2	2
Time of Flame Extinction (s)	--	--	--	--	1	1	1	1
Time of Smoke Extinction (s)	DNP	DNP	DNP	DNP	2	2	2	2
Progressive smouldering (glowing, heat or smoke)	No	No	No	No	No	No	No	No
Formation of hole through full thickness (On top only)	Yes	Yes	Yes	Yes	Yes	Yes	--	--
Maximum extent of damage of orthogonal directions (mm)	15mm x 10mm	47mm x 17mm	16mm x 9mm	15mm x 11mm	11mm x 18mm	11mm x 16mm	40mm x 15mm	55mm x 19mm
Total Distance of Orthogonal Directions (mm)	25 mm	64 mm	25 mm	26 mm	29 mm	27 mm	55 mm	74 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

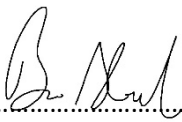
The results indicate 'Non-Ignition' of the materials, therefore, meets the performance requirements of BS 7175:Section 3 for ignition sources 0 and 1.


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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