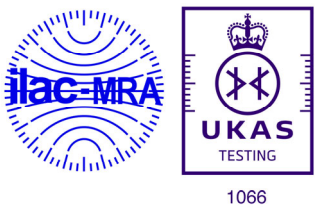
Confidential Report

Our Ref: 23/60392A/11/22



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Email: onestopshop@bttg.co.uk
Website: www.bttg.co.uk

Date: 30 November 2022

Our Ref: 23/60392A/11/22
Your Ref: 2230

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: 2230

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;

Omega CS 300 cm, stated to be: 61% Trev - 39% 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

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Note: This report relates only to the items tested.

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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 ±5°C and a relative humidity of 65 ±5%.

The sample was tested in a room volume of 25m^3 and 17°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)	--	--	--	--	2	2	2	2
Time of Flame Extinction (s)	--	--	--	--	1	1	1	1
Time of Smoke Extinction (s)	DNP	DNP	DNP	DNP	3	2	1	1
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)	36mm x 11mm	16mm x 10mm	18mm x 14mm	23mm x 13mm	16mm x 18mm	11mm x 19mm	81mm x 14mm	66mm x 12mm
Total Distance of Orthogonal Directions (mm)	47 mm	26 mm	32 mm	36 mm	34 mm	30 mm	95 mm	78 mm
Melting	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dripping	No	No	No	No	No	No	No	No
Charring	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Concealed Smouldering on Final Inspection	No	No	No	No	No	No	No	No
Specimen Result (I - Ignition or NI - Non-ignition)	**NI**	**NI**	**NI**	**NI**	**NI**	**NI**	**NI**	**NI**

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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:	±2mm
Timings:	±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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