

TEST REPORT NO: 169414A (Replaces 169414)

Date: 07 May 2021

Original report dated 29 April 2021

**BALCO GLOBAL LTD
BEAUFORT BUILDINGS
BRISTOL ROAD
CHIPPENHAM
SN14 0DH
UNITED KINGDOM**

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Retailer	Not Specified
Description of article	2 PIECES OF FOAM 450mm x 450mm x 75mm 2 PIECES OF FOAM 450mm x 300mm x 75mm 1.5 metres OF FABRIC
Retailer style number	GREY (FABRIC) WHITE (FOAM)
Retailer Standard Number	BALCO - GLOBAL
Order No./ Buyer	SOFT BOX BS5852
Quality/Fibre Composition	FOAM AND PVC MATERIAL
Date Sample Received/Test Started:	22 April 2021

Tests	Pass	Fail	Remarks
BS 5852 Crib 5	X		

(please note our uncertainty of measurement has been taken into account when the above results were pass/failed)
(Any statement of conformity made in this report unless otherwise stated in the test specification(s) is in line with SGS United Kingdom (Leicester) Decision rule LEI-GEN-PROC-012).

Signature



Stuart Bishop Senior Technician

For and on behalf of
SGS United Kingdom Ltd

All samples are conditioned to ISO 139 where conditioning is required (unless otherwise stated)
Report 169414A supersedes report 169414 dated 29 April 2021, amendment to quality/composition wording as requested

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Customer: BALCO GLOBAL LTD Test Report No: 169414A (Replaces 169414)

Test Results

BS 5852: 2006
Clause 11 using Ignition Source 5
Methods of test for assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources

Description of Test Sample: grey fabric & white foam

Test Request

The sample supplied has been tested against the test method BS 5852: 2006 Clause 11 using ignition source 5.

Conditioning

The materials and cribs were conditioned for at least 72 hours in an indoor ambient temperature and then immediately before the test 24 hours in an atmosphere of $23 \pm 2^\circ\text{C}$ and $50 \pm 5\%$ r.h.

Comments on Test Results

The sample supplied meets the requirements of BS 5852: 2006 Clause 11, using ignition source 5.

Test Results

"The following test results relate only to the ignitability of the combination of upholstery composites (BS 5852:2006, Clause 11) under the particular conditions of test stated; they are not intended as a means of assessing the full potential fire hazard of the materials or products in use"

Measurement of uncertainty

Source 5:
+0sec/-60sec smouldering
+0sec/-10sec flaming

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Customer:

BALCO GLOBAL LTD

Test Report No:

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Test Results

	Criteria of Ignition	Test 1 Criteria Observed	Test 2 Criteria Observed
Progressive smouldering ignition	Clause 4.1.1 a	No	No
	Clause 4.1.1 c	No	No
	Clause 4.1.1 e	No	No
	Clause 4.1.1 f	No	No
Flaming Ignition	Clause 4.2.1 a	No	No
	Clause 4.2.1 b	No	No
	Clause 4.2.1 c	No	No
	Clause 4.2.1 e	No	No
	Clause 4.2.1 g	No	No
Ignition occurring		Non – Ignition	Non – Ignition

As specified by the customer the fabric was tested over the foam supplied.

Criteria of Ignition
Smouldering Ignition

- Clause 4.1.1 (a) Test specimen displays escalating smouldering combustion behaviour so that it is unsafe to continue and requires forcible extinction.
- Clause 4.1.1 (c) Test specimen smoulders until it is essentially consumed or smoulders to the extremities.
- Clause 4.1.1 (e) Test specimen produces externally detectable amounts of smoke, heat or glowing 60 min after ignition of the crib.
- Clause 4.1.1 (f) Test specimen shows evidence of charring within the filling more than 100 mm in any direction apart from upwards.

Flaming Ignition

- Clause 4.2.1 (a) Test specimen displays escalating flaming combustion behaviour and requires forcible extinction.
- Clause 4.2.1 (b) Test specimen that burns until it is essentially consumed within the test duration.
- Clause 4.2.1 (c) Test specimen on which any flame front reaches the extremities of the test specimen other than the top of the vertical part, or passes through the full thickness of the specimen within the test duration.
- Clause 4.2.1 (e) Test specimen continues to flame for more than 10 minutes.

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Customer: BALCO GLOBAL LTD **Test Report No:** 169414A (Replaces 169414)

Test Results

Clause 4.2.1 (g) Test specimen from which flaming debris causes an isolated floor fire that continues to flame for longer than 10 minutes.



Photos After test



End of Report

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