

Our Ref: SW/PN/GL

9 April 2015

**Report 252192**

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Baltex (W. Ball & Son Limited)  
Burr Lane  
Ilkeston  
Derbyshire  
DE7 5JD

Contact: Dawn Edginton

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DATE RECEIVED	:	1 APRIL 2015
QUALITY/REFERENCE	:	5710
ORDER NUMBER	:	1802 (FR)
REPUTED FIBRE CONTENT	:	NOT GIVEN
FABRIC DESCRIPTION	:	KNITTED
COLOUR/DESIGN	:	VARIOUS
END USE	:	NOT GIVEN

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REQUEST: BSEN1021-1: 2014 (smouldering cigarette)  
BSEN1021-2: 2014 (Match flame equivalent)

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COMMENTS: The sample tested meets the flammability performance requirements of  
BS EN 1021-1:2014 and BS EN 1021-2:2014

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**S. WISEMAN**  
**LABORATORY MANAGER**



**P. NEESAM**  
**HEAD OF FLAMMABILITY**

This report shall not be reproduced except in full without the written approval of HSTTS. In all circumstances results of tests are implied as referring only to the sample supplied and should not be construed or interpreted on any other basis. The comments given in the report are for guidance only and are not a part of the results. Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

This test has been sub-contracted



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**BS EN 1021-1:2014 / BS EN 1021-2:2014 Furniture - Assessment of the ignitability of upholstered furniture –**

**Part I Ignition Source: Smouldering cigarette.**

**Part 2 Ignition Source Match flame equivalent.**

**Conditioning**

Immediately prior to testing the sample of Fabric, Q: 5710 was subjected the water soaking procedure described in Annex D, and then dried at indoor ambient conditions. It was then subjected to 24 hours in specified conditions, having a temperature of (23± 2°C) and relative humidity of (50±5%).

**Procedure**

The specimens were mounted over fillings of combustion modified high resilience foam filling of density of approximately 36 Kg/m<sup>3</sup>.

**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.

<u>Ignition Source</u>	<u>Ignitability Performance</u>
0	NI (Non-ignition)
0	NI (Non-ignition)
0	N/A
1	NI (Non-ignition)
1	NI (Non-ignition)
1	NI (Non-ignition)

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	Cigarette			Match-equivalent flame		
	1	2	3	1	2	3
<u>Smouldering Criteria (Yes/No)</u>						
Unsafe escalating combustion	No	No	N/A	No	No	No
Test assembly consumed	No	No	N/A	No	No	No
Smoulders to extremities	No	No	N/A	No	No	No
Smoulders through thickness	No	No	N/A	No	No	No
Smoulders more than 1 hour	No	No	N/A	No	No	No
More than 100mm from source	No	No	N/A	No	No	No
<u>Flaming Criteria (Yes/No)</u>						
Unsafe escalating combustion	No	No	N/A	No	No	No
Test assembly consumed	No	No	N/A	No	No	No
Flames to extremities	No	No	N/A	No	No	No
Flames through thickness	No	No	N/A	No	No	No

### Comments

The sample tested meets the flammability performance requirements of BS EN 1021-1:2014 and BS EN 1021-2:2014