

Our Ref: SW/PN/RM

02 March 2018

**Report 315181**

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

Contact: Lauren Redfern

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DATE RECEIVED	:	23 FEBRUARY 2018
QUALITY REFERENCE	:	M3605
COLOUR/ STYLE	:	BLACK
FABRIC DESCRIPTION	:	KNITTED
ORDER NUMBER	:	3058

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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 DIRECTOR**



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

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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, sample fabric, Ref: M3605 Black was subjected to 24 hours in specified conditions, having a temperature of (23± 2°C) and relative humidity of (50±5%). The sample was tested after the specified water-soak pre-treatment.

**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)

	<u>Cigarette</u>			<u>Match-equivalent flame</u>		
	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>						
Duration of flaming (secs)	N/A	N/A	N/A	1	1	1
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

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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