

Our Ref: SW/LS

09 July 2020

Report 363286

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

Contact: Lauren Redfern

DATE RECEIVED	:	02 JULY 2020
QUALITY REFERENCE	:	3390
COLOUR/DESIGN	:	BLACK
REPUTED FIBRE CONTENT	:	100% POLYESTER – COOLMAX FRESH
FABRIC DESCRIPTION	:	KNITTED
ORDER NUMBER	:	3982

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

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



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LABORATORY DIRECTOR



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FLAMMABILITY TECHNICIAN

This report shall not be reproduced except in full without 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. Where specified in a test method preconditioning in accordance with ISO 139 is not carried out as samples are exposed to the conditioning atmosphere specified within ISO 139 for a minimum of 16 hours prior to test.

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, Ref: 3390 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 $(23 \pm 2^\circ\text{C})$ and relative humidity of $(50 \pm 5\%)$.

Procedure

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

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)

	Cigarette			Match-equivalent flame		
	1	2	3	1	2	3
<u>Smouldering Criteria</u> (Yes/No)						
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</u> (Yes/No)						
Duration of flaming (s)	/	/	/	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

Comments

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