

Our Ref: SW/LS

28 January 2021

**Report 370621**

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DATE RECEIVED	:	20 JANUARY 2021
DATE TESTED	:	28 JANUARY 2021
QUALITY REFERENCE	:	VELVETY
SUPPLIER	:	ABITEX SRL
COLOUR / DESIGN	:	GRAY
REPUTED FIBRE CONTENT	:	100% POLYESTER
FABRIC DESCRIPTION	:	WOVEN
END-USE	:	UPHOLSTERY/CURTAINS
ORDER NUMBER	:	9/11

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REQUEST: BSEN1021-1: 2006 (smouldering cigarette);  
BSEN1021-2: 2006 (Match flame equivalent)

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RESULT: The sample tested meets the flammability performance requirements of BS EN 1021-1:2006 and BS EN 1021-2:2006

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**BS EN 1021-1/2:2006 Furniture - Assessment of the ignitability of upholstered furniture –  
Part 1 Ignition Source: Smouldering cigarette.  
Part 2 Ignition Source: Match flame equivalent.**

**Conditioning**

Immediately prior to testing the sample of 'Velvety' 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 35-36 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)
1	NI (Non-ignition)
1	NI (Non-ignition)
1	NI (Non-ignition)

	Cigarette		Match-equivalent flame		
	1	2	1	2	3
<u>Smouldering Criteria (Yes/No)</u>					
Unsafe escalating combustion	No	No	No	No	No
Test assembly consumed	No	No	No	No	No
Smoulders to extremities	No	No	No	No	No
Smoulders through thickness	No	No	No	No	No
Smoulders more than 1 hour	No	No	No	No	No
More than 100mm from source	No	No	No	No	No
<u>Flaming Criteria (Yes/No)</u>					
Duration of flames (s)	0	0	1	1	1
Unsafe escalating combustion	No	No	No	No	No
Test assembly consumed	No	No	No	No	No
Flames to extremities	No	No	No	No	No
Flames through thickness	No	No	No	No	No

**Comments**

The sample tested meets the flammability performance requirements of BS EN 1021-1:2006 and BS EN 1021-2:2006

