

Our Ref: SW/PN/JB/GL

17 January 2013

**Report 191931/2**

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KBT Limited  
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DATE RECEIVED	:	29 AUG 2012
QUALITY/REFERENCE	:	MADRID F/R POLYESTER
REPUTED FIBRE CONTENT	:	POLYESTER
COLOUR/DESIGN	:	LIHGT BLUE
END USE	:	BEAN BAGS

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REQUEST: THE FURNITURE AND FURNISHINGS (FIRE) (SAFETY) REGULATIONS  
1988 (Statutory Instrument 1988 No 1324 and subsequent amendments)  
Schedule 4 Part I and Schedule 5 Part I

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COMMENT: The sample submitted, when tested as described above, complies with the  
requirements of Schedule 4 Part I and with the requirements of Schedule 5  
Part I of the Regulations.

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**LABORATORY MANAGER**



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

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**THE FURNITURE AND FURNISHINGS (FIRE) (SAFETY) REGULATIONS 1988  
(Statutory Instrument 1988 No 1324 and subsequent amendments)  
Schedule 4 Part I and Schedule 5 Part I**

The Regulations specify two methods of test for examining the ignitability properties of fabrics for use in domestic furniture as defined within the Regulations, both based on “Ignitability by smokers materials of upholstered composites for seating” (BS 5852:Part 1:1979). These tests are (a) the ‘cigarette’ test as modified by Schedule 4 Part I of the Regulations and (b) the ‘match’ test as modified by Schedule 5 Part I of the Regulations.

**Procedure**

Specimens of Fabric, Quality: Madrid F/R Polyester, Colour: Light Blue, were tested after water soaking to BS5651:1978. The specimens were mounted over fillings of non-flame-retardent polyurethane foam with a density of approximately 20-22 kg/m<sup>3</sup>.

The cigarette test is an indicative test only as it is intended that the test is performed on the actual upholstery composite, details of which are not always known to the cover fabric supplier.

Tests were made in accordance with BS 5852 : Part 1 : 1979 after being conditioned for 72 h in indoor ambient conditions and then 24 h at the following conditions: Temperature (20 ± 5) °C and relative humidity (50 ± 20) %

**Requirements**

<u>Ignition Source 0</u> (cigarette test)	No flaming; No progressive smouldering one hour after the placement of the cigarette.
<u>Ignition Source 1</u> (‘match’ test)	All flaming and progressive smouldering to cease within 120sec of removal of the ignition source.

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.

They also only relate to the materials tested. They do not guarantee to represent the performance of production materials.

<u>Ignition Source</u>	<u>Observations</u>	<u>Result</u>
0	No flaming or progressive smouldering was observed within 60 minutes of the placement of the cigarettes.	Pass
1	Flaming ceased within 120 seconds of the removal of the burner tube and there was no progressive smouldering.	Pass

  

	<u>Test 1</u>	<u>Test 2</u>
Duration of flaming, secs	9	4

The sample submitted, when tested as described above, complies with the requirements of Schedule 4 Part I and with the requirements of Schedule 5 Part I of the Regulations.