

Our Ref: SW/PN/BR

06 February 2013

Report 197424/4

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Oniro B.V.  
Postbus 180,  
3700 AD Zeist

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DATE RECEIVED	:	30 JANUARY 2013
QUALITY/REFERENCE	:	FABRIXX TULIPS/DOTS/ARROWS
REPUTED FIBRE CONTENT	:	NOT GIVEN
COLOUR/DESIGN	:	MULTI
FABRIC DESCRIPTION	:	WOVEN

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PERFORMANCE STANDARD	:	GENERAL
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REQUEST: FIRE TESTS ACCORDING TO BS 5852:2006. Methods of Test for the Assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources.

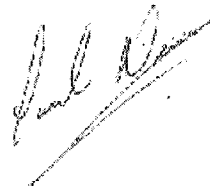
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COMMENT: The sample submitted meets the requirements of BS 5852:2006 Ignition Source 5.

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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.

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**FIRE TESTS ACCORDING TO BS 5852:2006. Methods of Test for the Assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources.**

**Conditioning**

Prior to testing, the sample was subjected to the water soaking procedure described in Annex E of the above mentioned standard, and then placed in indoor ambient conditions for 72 hours and then conditioned for 24 hours in an atmosphere having a temperature of  $23 \pm 2^\circ\text{C}$  and a relative humidity of  $50 \pm 5\%$ .

**Procedure**

Specimens of Fabric, Ref: Allegro were mounted over fillings of combustion modified high resilience foam of density about  $50 \text{ Kg/m}^3$ , and tests were made using ignition source 5. Pass classifications were assigned if the performance requirements stated below were met.

**Requirements**

<u>Ignition Source No.</u>	<u>Maximum duration allowed for progressive smouldering</u>	<u>Maximum duration allowed for flaming</u>
5	60 min after ignition of wood crib	10 min after ignition of wood crib

The following test results relate only to the ignitability of the combination of upholstery composites (BS5852: 2006, Clause 11) under the particular conditions of test stated; 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.

	<b>Test 1</b>	<b>Test 2</b>
Result designation	NI (Non-ignition)	NI (Non-ignition)
Time of Flame Extinction(s)	264	333

**Comments**

An 'NI' designation indicates that the sample met the performance requirements.