

Our Ref: SW/PN/GL

7 September 2013

Report 206870/4/3

Page 1 of 2

Oniro bv
Postbus 180
3700 AD Zeist
The Netherlands

DATE RECEIVED	:	29 AUGUST 2013
QUALITY/REFERENCE	:	NIROXX LAME
REPUTED FIBRE CONTENT	:	NOT GIVEN
FABRIC DESCRIPTION	:	WOVEN
COLOUR/DESIGN	:	GREEN

REQUEST: BS 5852:2006 "Methods of Test for the Assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources" using ignition source 5 (wood crib)

COMMENTS: The sample met the performance requirements of BS 5852:2006 Ignition Source 5.



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.



Our Ref: SW/PN/GL

7 September 2013

Report 206870/4/3

Page 2 of 2

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: Lamé were mounted over fillings of combustion modified high resilience foam of density about 50 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.

Result designation	Test 1 NI (Non-ignition)	Test 2 NI (Non-ignition)
Time of Flame Extinction (min/secs)	3.44	4.11

Comments

The sample met the performance requirements of BS 5852:2006 Ignition Source 5.