

Our Ref: SW/PN/RM

02 November 2016

Report 284347

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Oniro BV
Postbus 180
3700 AD Zeist
Netherlands

Contact: Vincent Baas

DATE RECEIVED	:	27 OCTOBER 2016
FABRIC SUPPLIER	:	ONIRO BV
QUALITY REFERENCE	:	NIROXX CLASSIC
REPUTED FIBRE CONTENT	:	NOT GIVEN
FABRIC DESCRIPTION	:	WOVEN
COLOUR/DESIGN	:	GREY
END USE	:	UPHOLSTERY
PERFORMANCE STANDARD	:	GENERAL

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 DIRECTOR



P. NEESAM
HEAD OF FLAMMABILITY

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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, and then placed in indoor ambient conditions for 72 hours. It was 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: Niroxx Classic were mounted over fillings of combustion modified high resilience foam of density about 36 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.

	Test 1	Test 2
Result designation	Pass	Pass
Time of Flame Extinction (min/secs)	4.00	3.20

Comments

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