

Our Ref: SW/PN/GL

7 September 2013

Report 206869/8/2

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Oniro bv
Postbus 180
3700 AD Zeist
The Netherlands

DATE RECEIVED	:	29 AUGUST 2013
QUALITY/REFERENCE	:	NITROXX ULTRA
REPUTED FIBRE CONTENT	:	NOT GIVEN
FABRIC DESCRIPTION	:	WOVEN
COLOUR/DESIGN	:	DARK BROWN

REQUEST: IMO Resolution A652 (16) Annex

COMMENTS: The sample submitted is classified as meeting the requirements of IMO Resolution A652 (16) Annex.



S. WISEMAN
LABORATORY MANAGER



P. NEESAM
HEAD OF FLAMMABILITY

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**Fire Test According to IMO Resolution A652 (16) Annex
Recommendation on fire test procedures for upholstered furniture
(Methods of test for the ignitability by smokers' materials of upholstered composites for seating)**

Procedure

The specimen of Fabric, Ref: Ultraxx was tested in the 'as received' condition, and were mounted over fillings of standard non-FR polyurethane foam of density about 22kg/m^3 . The tests were carried out after the specimens had been in ambient conditions for 72 hours, and then 16 hours in the following conditions: $20 \pm 5^\circ\text{C}$ and $50 \pm 20\%$ R/H.

Tests were carried out using ignition source's '0' & '1', with an ignition / nonignition classification being assigned to each test performed.

Requirements

Ignition Source 0

No progressive smouldering or flaming within one hour of the placement of the cigarette.

Ignition Source 1

All progressive smouldering and flaming to cease within 120sec of removal of the burner tube.

If progressive smouldering is found after the test assembly is dismantled, then the sample fails the requirements of the above standard.

Results

The following test results relate only to the ignitability of the combination of upholstery composites under the particular conditions of the test stated; they are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

<u>Ignition source</u>	<u>Duration of flaming, s</u>	<u>Assessment of ignition</u>
0	0	Non-ignition (i.e. Pass)
0	0	Non-ignition (i.e. Pass)
1	1	Non-ignition (i.e. Pass)
1	2	Non-ignition (i.e. Pass)

Comments

No internal smouldering was found after the test assembly was dismantled.

The sample submitted is classified as meeting the requirements of IMO Resolution A652 (16) Annex