

Our Ref: SW/BR

13 November 2020

**Report 368138**

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Oniro Textiles  
Fahrenheitbaan 4B  
3439 MD Nieuwegein  
Netherlands

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DATE RECEIVED	:	03 NOVEMBER 2020
QUALITY REFERENCE	:	NIROXX CLASSIC & NIROXX STRIPES
ONIRO REFERENCE	:	CLASSIC & STRIPES
REPUTED FIBRE CONTENT	:	100% PES
FABRIC DESCRIPTION	:	WOVEN
COLOUR	:	43035
BATCH NUMBER	:	421054_13316-1

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REQUEST: \*Flammability in accordance with IMO 2010 FTP Code annex 1 Part 8

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COMMENTS: See results below

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**S. WISEMAN**  
**LABORATORY DIRECTOR**

This report shall not be reproduced except in full without 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. Where specified in a test method preconditioning in accordance with ISO 139 is not carried out as samples are exposed to the conditioning atmosphere specified within ISO 139 for a minimum of 16 hours prior to test.

\*These tests have been sub-contracted

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**Testing to IMO FTP Code 2010: Part 8- Test for Upholstered Furniture**

**Conditioning**

Immediately prior to testing the samples was placed in indoor ambient conditions for 72 hours and then conditioned in a standard atmosphere of 23±2°C Temperature and 50±5% relative humidity for at least 16 hours.

The samples were tested in a room of volume 25m<sup>3</sup> and 17°C.

**Procedure**

The samples were tested In accordance with IMO FTP Code 2010: Part 8 using ignition sources 0 and 1. The sponsor sampled the material and the specimens were cut from the sample received to the dimensions set out in the standard.

The sample was tested over non-fire retardant polyurethane foam with a density of approximately 20-22 kg/m<sup>3</sup>.

**Requirements**

Ignition source 0            No progressive smouldering of flaming within 1 hour of the placement of the cigarette.

Ignition source 1            All progressive smouldering and flaming to cease within 120 sec of removal of the burner tube.

**Cigarette Specification (Source 0)**

Dimensions (mm)            68mm x 8mm  
Mass (g)                        0.92  
Smouldering rate (mins/sec)    11.13

Cigarette test- Source 0

Specimen no	1	2
Extinction time (smouldering) (min)	DNP	DNP
Time of cover split	DNS	DNS
Melting (Yes/No)	No	No
Dripping (Yes/No)	No	No
Charring (Yes/No)	Yes	Yes
Progressive smouldering (Yes/No)	No	No
Pass/Fail	Pass	Pass

Result of cigarette test: Pass

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Propane flame test- Source 1

Specimen no	1	2
Time if ignition (s)	4	4
Extinction time of flames after removal of burner (s)	4	5
Time of cover split (s)	DNS	DNS
Melting (Yes/No)	No	No
Dripping (Yes/No)	No	No
Charring (Yes/No)	Yes	Yes
Progressive smouldering (Yes/No)	No	No
Pass/Fail	Pass	Pass

Result of the Flame test: Pass

In the opinion of the test house who carried out the testing, based on the test carried out on the sample supplied; the results indicate that the sample does meet the requirements according to IMO FTP code 2010, part 8.

Uncertainty of measurement has not been taken into account when presenting the test result. The relevant uncertainty value is included as an annex which forms an integral part of the report.