

**Report 363165/2.1**

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ONIRO Textiles  
Fahrenheitbaan 4B  
3439 MD Nieuwegein  
Netherlands

Contact: Ninja Voorthuis

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DATE RECEIVED	:	29 JUNE 2020
QUALITY REFERENCE	:	NIROXX CLASSIC & NIROXX STRIPES
ONIRO REFERENCE	:	CLASSIC & STRIPES
FABRIC SUPPLIER	:	Oniro Textiles
BATCH NUMBER	:	415622 12935-2
COLOUR	:	97001
REPUTED FIBRE CONTENT	:	100% PES
FABRIC DESCRIPTION	:	WOVEN

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REQUEST: BSEN1021-1: 2014 (smouldering cigarette)  
BSEN1021-2: 2014 (Match flame equivalent)

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RESULT: The sample tested meets the flammability performance requirements of BS EN 1021-1:2014 and BS EN 1021-2:2014

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**BS EN 1021-1:2014 / BS EN 1021-2:2014 Furniture - Assessment of the ignitability of upholstered furniture –**

**Part I Ignition Source: Smouldering cigarette.**

**Part 2 Ignition Source Match flame equivalent.**

**Conditioning**

Immediately prior to testing the sample of Fabric, Oniro ref: NIROXX CLASSIC & STRIPES was subjected the water soaking procedure described in Annex D, and then dried at indoor ambient conditions. It was then subjected to 24 hours in specified conditions, having a temperature of (23± 2°C) and relative humidity of (50±5%).

**Procedure**

The specimens were mounted over fillings of combustion modified high resilience foam filling of density of approximately 36 Kg/m<sup>3</sup>.

**Results**

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

<u>Ignition Source</u>	<u>Ignitability Performance</u>
0	NI (Non-ignition)
0	NI (Non-ignition)
0	N/A
1	NI (Non-ignition)
1	NI (Non-ignition)
1	NI (Non-ignition)

	Cigarette			Match-equivalent flame		
	1	2	3	1	2	3
<u>Smouldering Criteria (Yes/No)</u>						
Unsafe escalating combustion	No	No	N/A	No	No	No
Test assembly consumed	No	No	N/A	No	No	No
Smoulders to extremities	No	No	N/A	No	No	No
Smoulders through thickness	No	No	N/A	No	No	No
Smoulders more than 1 hour	No	No	N/A	No	No	No
More than 100mm from source	No	No	N/A	No	No	No
<u>Flaming Criteria (Yes/No)</u>						
Duration of flaming (s)	/	/	/	6	5	6
Unsafe escalating combustion	No	No	N/A	No	No	No
Test assembly consumed	No	No	N/A	No	No	No
Flames to extremities	No	No	N/A	No	No	No
Flames through thickness	No	No	N/A	No	No	No

**Comments**

The sample tested meets the flammability performance requirements of BS EN 1021-1:2014 and BS EN 1021-2:2014