

Our Ref: SW/LS

26 October 2020

Report 367506

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ONIRO Textiles
Fahrenheitbaan 4B
3439 MD Nieuwegein
Netherlands

Contact: Ninja Voorthuis

DATE RECEIVED	:	20 OCTOBER 2020
QUALITY REFERENCE	:	NIROXX ULTRA
ONIRO REFERENCE	:	ULTRA
COLOUR / DESIGN	:	54013
BATCH NUMBER	:	419283-8997-1
REPUTED FIBRE CONTENT	:	100%PES
FABRIC DESCRIPTION	:	WOVEN
SUPPLIER	:	Oniro Textiles

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

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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LABORATORY DIRECTOR



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FLAMMABILITY TECHNICIAN

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.



**BS EN 1021-1/2:2014 Furniture - Assessment of the ignitability of upholstered furniture –
Part 1 Ignition Source: Smouldering cigarette.
Part 2 Ignition Source Match flame equivalent.**

Conditioning

Immediately prior to testing the sample of Niroxx 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/m³.

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	NI (Non-ignition)
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	No	No	No	No
Test assembly consumed	No	No	No	No	No	No
Smoulders to extremities	No	No	No	No	No	No
Smoulders through thickness	No	No	No	No	No	No
Smoulders more than 1 hour	No	No	No	No	No	No
More than 100mm from source	No	No	No	No	No	No
<u>Flaming Criteria (Yes/No)</u>						
Duration of flames (s)				1	1	1
Unsafe escalating combustion	No	No	No	No	No	No
Test assembly consumed	No	No	No	No	No	No
Flames to extremities	No	No	No	No	No	No
Flames through thickness	No	No	No	No	No	No

Comments

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

