

Our ref: SW/PN/GL

23 April 2018

Report 318479/2

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Oniro bv
Postbus 180
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The Netherlands

Contact: Ninja Voorthuis / Richard Leliveld

DATE RECEIVED	:	13 APRIL 2018
FABRIC SUPPLIER	:	ONIRO TEXTILES
QUALITY/REFERENCE	:	FABRIX BLEND
REPUTED FIBRE CONTENT	:	100% POLYESTER
FABRIC DESCRIPTION	:	WOVEN
COLOUR/DESIGN	:	808.010
END USE	:	UPHOLSTERY

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

COMMENTS: 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 MANAGER



P. NEESAM
HEAD OF FLAMMABILITY

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**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 fabric, Ref: Fabrixx Blend 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 non-flame-retardent polyurethane foam with a density of approximately 20-22 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	Not Tested
1	NI (Non-ignition)
1	NI (Non-ignition)
1	NI (Non-ignition)

	<u>Cigarette</u>			<u>Match-equivalent flame</u>		
	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 flames (s)	/	/	/	1	1	1
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