

**Report 367457/2**

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DATE RECEIVED	:	19 OCTOBER 2020
QUALITY REFERENCE	:	SEALIFE
COLOUR / DESIGN	:	GREY
REPUTED FIBRE CONTENT	:	100% RECYCLED POLYESTER
FABRIC DESCRIPTION	:	WOVEN
END-USE	:	UPHOLSTERY

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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 1021-1/2:2014 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 Sealife was subjected to 24 hours in specified conditions, having a temperature of  $(23 \pm 2^\circ\text{C})$  and relative humidity of  $(50 \pm 5\%)$ .

**Procedure**

The specimens were mounted over fillings of combustion modified high resilience foam filling of density of approximately  $36 \text{ Kg/m}^3$ .

**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)

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

