

Report 367072

Page 1 of 3

Chieftain Fabrics
Fair Green
Trim
Co. Meath
Ireland

Contact: Sinead Doyle

DATE RECEIVED	:	08 OCTOBER 2020
QUALITY REFERENCE	:	CHIEFAIN
COLOUR / DESIGN	:	CASCO CARBON
REPUTED FIBRE CONTENT	:	100% PVC
FABRIC DESCRIPTION	:	COATED
END-USE	:	UPHOLSTERY
SUPPLIER	:	CHIEFTAIN FABRICS
ORDER NUMBER	:	SINÉAD

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



S. WISEMAN
LABORATORY DIRECTOR



L. SMITH
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.

Report 367072

Page 2 of 3

**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: Chiefain was 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)	N/A	N/A	N/A	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

