

Our Ref: SW/BR

22 March 2022

**Report 388275**

**Page 1 of 3**

Chieftain Fabrics  
Fair Green  
Trim  
Co. Meath  
Ireland

Contact: Hanna Mahon

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DATE RECEIVED	:	03 MARCH 2022
QUALITY REFERENCE	:	JUST COLOUR
FABRIC DESCRIPTION	:	COATED
REPUTED FIBRE CONTENT	:	ORGANIC COTTON BACKING CLOTH
COLOUR/DESIGN	:	BLACK
END USE	:	UPHOLSTERY
ORDER NUMBER	:	JUST COLOUR
PERFORMANCE STANDARD	:	GENERAL

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Request: IMO FTP Code 2010: Part 8

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**S. WISEMAN**  
**LABORATORY DIRECTOR**

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.

\*This test has been subcontracted

Our Ref: SW/BR

22 March 2022

**Report 388275**

**Page 2 of 3**

## **Testing to IMO FTP Code 2010: Part 8- Test for Upholstered Furniture**

### **Conditioning**

Immediately prior to testing the samples was placed in indoor ambient conditions for 72 hours and then conditioned in a standard atmosphere of  $23\pm 2^{\circ}\text{C}$  Temperature and  $50\pm 5\%$  relative humidity for at least 16 hours.

The samples were tested in a room of volume  $20\text{m}^3$  and  $17^{\circ}\text{C}$ .

### **Procedure**

The samples were tested In accordance with IMO FTP Code 2010: Part 8 using ignition sources 0 and 1. The sponsor sampled the material and the specimens were cut from the sample received to the dimensions set out in the standard.

The sample was tested over non-fire retardant polyurethane foam with a density of approximately  $20\text{-}22\text{ kg/m}^3$ .

### **Requirements**

Ignition source 0            No progressive smouldering or flaming within 1 hour of the placement of the cigarette.

Ignition source 1            All progressive smouldering and flaming to cease within 120 sec of removal of the burner tube.

### **Cigarette Specification (Source 0)**

Dimensions (mm)	68mm x 8mm
Mass (g)	0.92
Smouldering rate (mins/sec)	11m 01s

Our Ref: SW/BR

22 March 2022

**Report 388275**

**Page 3 of 3**

Cigarette test- Source 0

Specimen no	1	2
Extinction time (smouldering) (min)	DNP	DNP
Time of cover split	DNS	DNS
Melting (Yes/No)	No	No
Dripping (Yes/No)	No	No
Charring (Yes/No)	Yes	Yes
Progressive smouldering (Yes/No)	No	No
Observations	DNP/DNS	DNP/DNS
Pass/Fail	PASS	PASS

Result of cigarette test: Pass

Propane flame test- Source 1

Specimen no	1	2
Time if ignition (s)	4	4
Extinction time of flames after removal of burner (s)	2	2
Time of cover split (s)	DNS	DNS
Melting (Yes/No)	No	No
Dripping (Yes/No)	No	No
Charring (Yes/No)	Yes	Yes
Progressive smouldering (Yes/No)	No	No
Observations	DNS	DNS
Pass/Fail	PASS	PASS

Result of the Flame test: Pass

**Comment**

In the opinion of the lab, based on the test carried out on the sample supplied; the results indicate that the sample meets the requirements according to IMO FTP Code 2010: Part 8.

An estimation of uncertainty of measurement has been taken into account when making a judgement to any pass/fail criteria. Under our policy we have used a non-binary decision rule.