

Our Ref: SW/RM

23 October 2020

**Report 367075**

**Page 1 of 3**

Chieftain Fabrics  
Fair Green  
Trim  
Co. Meath  
Ireland

Contact: Sinead Doyle

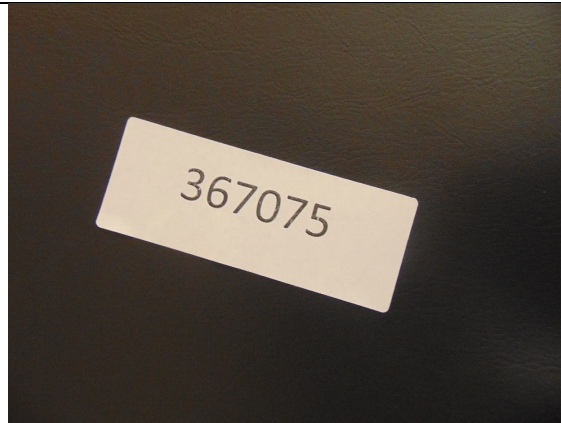
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DATE RECEIVED	:	08 OCTOBER 2020
FABRIC SUPPLIER	:	CHIEFTAIN FABRICS
QUALITY REFERENCE	:	JUST COLOUR
REPUTED FIBRE CONTENT	:	100% PVC
FABRIC DESCRIPTION	:	COATED
COLOUR/DESIGN	:	COBALT
ORDER NUMBER	:	SINEAD

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REQUEST: Flammability in accordance with IMO 2010 FTP CODE ANNEX 1 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 sub-contracted

Our Ref: SW/RM

23 October 2020

**Report 367075**

**Page 2 of 3**

**Flammability in accordance with IMO 2010 FTP CODE ANNEX 1 PART 8**

**Conditioning**

Immediately prior to testing the samples were placed in indoor ambient conditions for 72 hours and then conditioned in a standard atmosphere of 23±2°C temperature and 50±5% relative humidity for at least 16 hours.

The samples were tested in a room of volume 25m<sup>3</sup> and 18°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 20-22 kg/m<sup>3</sup>.

**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 seconds of removal of the burner tube

**Cigarette specification (source 0)**

**Dimensions (mm)** 68x8  
**Mass (g)** 0.92  
**Smouldering rate (mins/ secs)** 11.17

**Results**

**Cigarette test – source 0**

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

Our Ref: SW/RM

23 October 2020

**Report 367075**

**Page 3 of 3**

**Propane flame test – source 1**

<b>Specimen No</b>	<b>1</b>	<b>2</b>
Time of ignition (s)	3	3
Extinction time of flames after removal of burner (s)	1	1
Time to cover split	DNS	DNS
Melting (Yes/ No)	Yes	Yes
Dripping (Yes/ No)	No	No
Charring (Yes/ No)	Yes	Yes
Progressive smouldering (Yes/ No)	No	No
Pass/ Fail	PASS	PASS

DNP: Did not propagate  
DNS: Material did not split  
ME: Manually extinguished  
EC: Escalating combustion  
DNO: Did not observe time of event

**Conclusion**

In our opinion, 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.

Uncertainty of measurement has not been taken into account when presenting the test result. The relevant uncertainty value is included as an annex which forms an integral part of the report.