

Our Ref: SW/RM

23 October 2020

Report 367073

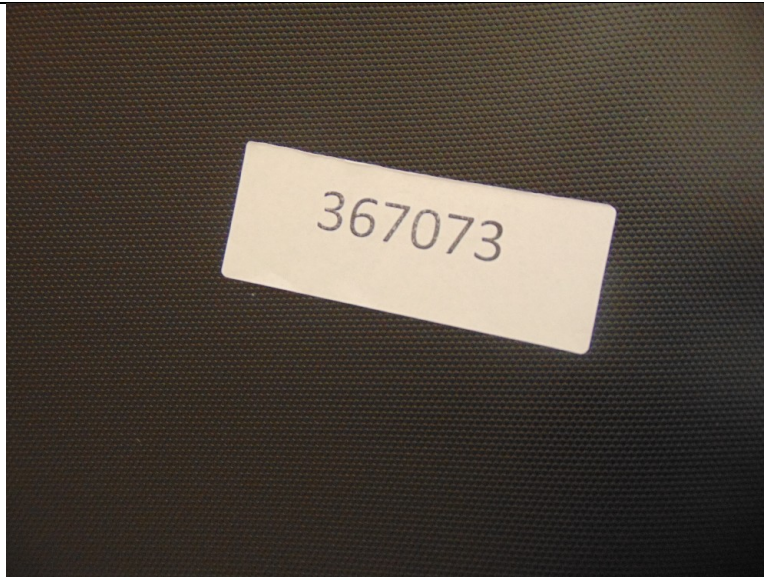
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Chieftain Fabrics
Fair Green
Trim
Co. Meath
Ireland

Contact: Sinead Doyle

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

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



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

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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 25m³ 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/m³.

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

Specimen No	1	2
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

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Propane flame test – source 1

Specimen No	1	2
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.