

Our Ref: LAS/RM

04 December 2023

**Report 414830****Page 1 of 3**

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DATE RECEIVED	:	28 NOVEMBER 2023
DATE TESTED	:	04 DECEMBER 2023
QUALITY REFERENCE	:	APOLLO
REPUTED FIBRE CONTENT	:	NOT GIVEN
COLOUR / DESIGN	:	N/A
FABRIC DESCRIPTION	:	WOVEN
END USE	:	UPHOLSTERY

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REQUEST: IMO FTP Code 2010 – International Code for Application of Fire Test  
Procedures Annex I: Part 8 – Test for Upholstered Furniture

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RESULT: The sample submitted, when tested as described, complies with the  
requirements of the IMO FTP Code 2010 Annex 1: Part 8

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**QUALITY COORDINATOR**

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1428

Our Ref: LAS/RM

04 December 2023

**Report 414830**
**Page 2 of 3**
**IMO FTP Code 2010 – International Code for Application of Fire Test Procedures  
Annex I: Part 8 – Test for Upholstered Furniture**
**Procedure**

Specimens were tested in the 'as received' condition after being conditioned for 72 hours in an indoor ambient atmosphere followed by a minimum of 16 hours in an atmosphere of  $(23 \pm 2)^\circ\text{C}$  and  $(50 \pm 5)\%$  relative humidity.

Tests were made in accordance with part 8 of the 2010 FTP code. The specimens were mounted over filings of non-flame-retardant polyurethane foam with a density of approximately  $20\text{-}22\text{ kg/m}^3$ . The smouldering cigarettes used were NIST standard reference material 1196a reduced to  $(70 \pm 4)\text{mm}$  in length.

**Requirements**
Smouldering  
Cigarette

No flaming or progressive smouldering shall be observed within 1 hour after the placement of the smouldering cigarettes.

Flame Ignition  
Source

All flaming and smouldering shall cease within 120 seconds after the removal of the flaming ignition source.

**Results**

The results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Parameter – Smouldering Cigarette	Test 1	Test 2	Outcome
Progressive smouldering observed within 1 hr	No	No	Pass
Extent of damage to the specimen [mm]	18 (Vertically)	20 (Vertically)	

Parameter – Flaming Ignition	Test 1	Test 2	Outcome
Duration of flaming [sec]	11	7	Pass
Smouldering observed after 120 seconds	No	No	
Extent of damage to the specimen [mm]	58 (Vertically)	61 (Vertically)	

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04 December 2023

**Report 414830****Page 3 of 3****Decision rules**

The decision rule applicable to statements of conformity relating to the test(s) carried out is simple acceptance based on the measured test results not falling within a range either side of a specified limit that is equal to the uncertainty of measurement for the parameter measured (based on 95% confidence levels). In all other regards, the decision rule is based on simple acceptance predicated upon the conditions of testing falling within the criteria for test set out in the test method with a conformance probability of 95%. The risk of false accept or false reject is therefore not greater than 2.5%.

Uncertainty of measurement:

Timings	±0.4s
Dimensions	±0.5mm

