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TECHNICAL REPORT

Supplied by Vyva Fabrics TT. Vasumweg 140 1033 SH Amsterdam NETHERLANDS	SATRA reference:	FLO2015047	
		2444	2
	Report ID/Issue number:	46002/1	
	Your reference:		
	Date samples received:	18/10/2024	
	Date(s) work carried out:	18/10/2024 to 12/11/2024	
	Date of report:	13/11/2024	

Testing Requirements

Flammability testing of a fabric described as "Viper & Viper Vintage, Oxford, Cuzco, Globe" to IMO FTPC 2010, Annex 1, Part 8 over non-FR foam (supplied by SATRA).

For SATRA's full terms and conditions see our website: <https://new.satra.com/satra-terms-and-conditions/>

For SATRA's statements regarding the confidentiality, publication and dissemination of this report, decision rules and UKAS accreditation please see the final page of this technical report.

Report Signed by:

Tom Notley


Report Signatory

ASSESSMENT OF VIPER & VIPER VINTAGE, OXFORD, CUZCO, GLOBE

As requested by Vyva Fabrics, SATRA have assessed the sample submitted, as detailed below.

SAMPLE SUBMITTED

VIPER

**TESTING REQUESTED**

Ignitability test according to the IMO Test Annex 1: Part 8 – Fire test procedures for the ignitability by smokers' materials of upholstered composites for seating – cigarette source

Ignitability test according to the IMO Test Annex 1: Part 8 – Fire test procedures for the ignitability by smokers' materials of upholstered composites for seating – flaming ignition source

CONCLUSION

The 'VIPER', supplied for testing supplied by Vyva Fabrics, has **PASSED** the Ignitability test according to the IMO Test Annex 1: Part 8 – Fire test procedures for the ignitability by smokers' materials of upholstered composites for seating – cigarette source and has **PASSED** the Ignitability test according to the IMO Test Annex 1: Part 8 – Fire test procedures for the ignitability by smokers' materials of upholstered composites for seating – flaming ignition source

UNCERTAINTY OF MEASUREMENT

Where reported results are subjective (non-numerical) uncertainty of measurement is not applied when determining whether a result meets a conformity statement (pass, fail, non-ignition, flaming ignition and smouldering ignition), and a value for uncertainty has not been included within the report.

Tested by N Mundy

SATRA Report Reference: FLO2015047 2444

Report ID/Issue number: 46002/1

Ignitability test according to the IMO Test Annex 1: Part 8 – Fire test procedures for the ignitability by smokers' materials of upholstered composites for seating – cigarette source

Sample Identification

Cover material: VIPER

Filling material: Non-FR foam (supplied by SATRA Batch 36:4)

Test result

The test 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.

The composite of cover and filling PASSED the cigarette test of the IMO Test Annex 1: Part 8.

Conditioning

The cover was conditioned for 4 days at $23 \pm 2^{\circ}\text{C}$ and $50 \pm 5\%rh$.

The filling material was conditioned for more than 4 days at $23 \pm 2^{\circ}\text{C}$ and $50 \pm 5\%rh$.

Procedure

The test was carried out as described in the IMO Test Annex 1: Part 8 using the cigarette ignition source. Both applications were made on one test assembly. The samples were tested in an "as received" condition.

Details of observations

First application: The cigarette burned approximately 15mm of its full length and smouldering ceased after 4 minutes 39 seconds.

Second application: The cigarette burned approximately 26mm of its full length and smouldering ceased after 12 minutes 3 seconds.

Ignitability test according to the IMO Test Annex 1: Part 8 – Fire test procedures for the ignitability by smokers' materials of upholstered composites for seating – flaming ignition source

Sample Identification

Cover material: VIPER

Filling material: Non-FR foam (supplied by SATRA Batch 36:4)

Test result

The test 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.

The composite of cover and filling PASSED the flaming ignition source test of the IMO Test Annex 1: Part 8.

Conditioning

The cover was conditioned for 4 days at $23 \pm 2^\circ\text{C}$ and $50 \pm 5\%rh$.

The filling material was conditioned for more than 4 days at $23 \pm 2^\circ\text{C}$ and $50 \pm 5\%rh$.

Procedure

The test was carried out as described in the IMO Test Annex 1: Part 8 using the butane flame ignition source. The flame applications were made on the same test assembly. The samples were tested in an "as received" condition.

Details of observations

First application: There were no flames after the removal of the flaming source and smouldering ceased after 29 seconds.

Second application: There were no flames after the removal of the flaming source and smouldering ceased after 33 seconds.

Conditions of Use

Confidentiality and Dissemination

SATRA test reports may be forwarded to other parties if they are not changed in any way and are not marked as confidential. Test reports must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Liability

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in the report.

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Where the UKAS logo is included on the test report then tests marked ≠ fall outside the UKAS Accreditation Schedule for SATRA. Where no UKAS logo is included on the test report then none of the tests reported are covered by SATRA's UKAS Accreditation.

Tests marked ¥ are performed under SATRA's Flexible UKAS Schedule.

Opinions and interpretations fall outside the UKAS Accreditation for SATRA.

Uncertainty of Measurement and Decision Rules

Where values for uncertainty of measurement are included within the report then the uncertainty of the corresponding results are based on a standard uncertainty multiplied by a coverage factor $k=2$, which provides a coverage probability of approximately 95%.

When reporting results against a conformance statement (Pass/Fail or the allocation of a class or level) then uncertainty of measurement is taken into account based on a non-binary acceptance which itself is based on the guard band being equal to the expanded uncertainty.

Where the result corrected for uncertainty falls within the tolerance of the conformance statement then the risk of the conformance statement being a false accept or false reject is up to 2.5% and SATRA will in this instance quote a Pass/Fail, class, or level.

Where the result corrected for uncertainty falls outside of the tolerance of the conformance statement then the risk of the conformance statement being a false accept or false reject is up to 50%. In this instance SATRA will not provide a Pass/Fail statement or a class or level but will include information in the notes in relation to the result obtained.

SATRA's guidelines provide recommendations that are based upon SATRA's knowledge and experience. The guidelines are intended to indicate conformance by providing information on the likely performance or characteristics of a property. As such, uncertainty of measurement is not applied when evaluating results against guideline recommendations.
