TECHNICAL REPORT

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Our Ref: **TFFLF77657**
Date: 11 January 2018
Delivery Date: 02 January 2018
Test Dates: 5 – 11 January 2018

For the attention of Sophie Bremholt

SAMPLE(S) FOR TEST:

One, Composite – Ref: Elmovintage PB2495

Note: The above descriptions are as supplied by the client and have not been verified by FIRA who can take no responsibility for the accuracy of the description.

TEST REQUIREMENTS:	RESULT:
BS EN 1021-1: 2014 (smouldering cigarette)	Pass - P 0
BS EN 1021-2: 2014 (match flame equivalent)	Pass - P 1

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TECHNICAL REPORT

DESCRIPTION

Enquiry No: TFFLF77657

Item: One, Elmovintage - PB2495

Supplied by: Elmo Sweden AB

The following test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

BS EN 1021-1: 2014: ASSESSMENT OF THE IGNITABILITY OF UPHOLSTERED FURNITURE PART 1 IGNITION SOURCE: SMOULDERING CIGARETTE

Initial Inspection: Condition as new

Conditioning: 24 hours at 23±2°C & 50±5% rh

Filling material: A combustion modified high resilience foam 35kg/m3 Ref: CMHR35.

Test procedure: The test is carried out in accordance with BS EN 1021-1: 2014

Test conditions: The test was conducted within the specified conditions of 10-30°C & 15-80% rh.

RESULTS

Source No.	Application No.	Smoke/Smoulder	Result -Ignition/Non-ignition
0	1	24min 57sec	PASS N/I
	2	28min 49sec	PASS N/I

COMMENTS

CLAUSE	SMOULDERING FAILURE CRITERIA	IGNITION/NON-IGNITION
3.1a	Unsafe escalating combustion	NO - PASS N/I
3.1b	Test assembly consumed	NO - PASS N/I
3.1c	Smoulders to extremities/ reaches either side or through full thickness of sample	NO - PASS N/I
3.1d	Smoulders more than 1 hour	NO - PASS N/I
3.1e	Damage >100mm's from source	NO - PASS N/I
CLAUSE	**FLAMING FAILURE CRITERIA**	**IGNITION/NON-IGNITION**
3.2	Flaming occurs	NO - PASS N/I

CONCLUSION

This sample ref: Elmovintage - PB2495 passes the requirements of BS EN 1021-1: 2014.

TECHNICAL REPORT

DESCRIPTION

Enquiry No: TFFLF77657

Item: One, Elmovintage - PB2495

Supplied by: Elmo Sweden AB

The following test results relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

BS EN 1021-2: 2014: ASSESSMENT OF THE IGNITABILITY OF UPHOLSTERED FURNITURE PART 2 IGNITION SOURCE: MATCH FLAME EQUIVALENT

Initial Inspection: Condition as new

Conditioning: 24 hours at 23±2°C & 50±5% rh

Filling material: A combustion modified high resilience foam 35kg/m3 Ref: CMHR35.

Test procedure: The test is carried out in accordance with BS EN 1021-2: 2014

Test conditions: The test was conducted within the specified conditions of 10-30°C & 15-80% rh.

RESULTS

Application No.	Ignition Source	Time of Application	Flames Following Removal of Source	Ignition/ Non-Ignition
1	1	0min 15sec	0min 00sec	PASS N/I
2	1	0min 15sec	0min 01sec	PASS N/I
3	1	0min 15sec	0min 01sec	PASS N/I

COMMENTS

CLAUSE	SMOULDERING FAILURE CRITERIA	IGNITION/NON-IGNITION
3.1a	Unsafe escalating combustion	PASS N/I
3.1b	Test assembly consumed	PASS N/I
3.1c	Smoulders to extremities/ reaches either side or through full thickness of sample	PASS N/I
3.1d	Smoulders more than 1 hour	PASS N/I
3.1e	Damage >100mm's from source	PASS N/I
CLAUSE	**FLAMING FAILURE CRITERIA**	**IGNITION/NON-IGNITION**
3.2a	Unsafe escalating combustion	PASS N/I
3.2b	Test assembly consumed	PASS N/I
3.2c	Flames to extremities/ reaches either side or through full thickness of sample	PASS N/I
3.2d	Flames continue beyond 120seconds	PASS N/I

CONCLUSION

This sample ref: Elmovintage - PB2495 passes the requirements of BS EN 1021-2: 2014.

Tested by: Vanessa Mitchell

Reported by: Philip Fry

Approved by: Howard James
Operations Manager - Testing

********** End of Report **********