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EVALUATION CENTER

Intertek

8431 Murphy Drive

Middleton, WI 53562

RENDERED TO:

Dickson Saint Clair

415 avenue de Savoie

Saint Clair de la Tour

38357 La Tour du Pin

France

PRODUCT EVALUATED: LAC 650 SL

EVALUATION PROPERTY: CALIFORNIA REGULATIONS (TITLE
19, SEC. 1237) RELATING TO CALIFORNIA STATE FIRE MARSHAL'S

FLAME RETARDANT PROGRAM

Report for compliance of LAC 650 SL with the applicable requirements of the following criteria: Title 19, California Code of Regulations, Chapter 8, Section 1237.1 Test Method (Small Scale).

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2 Introduction

Intertek has conducted testing for Dickson Saint Clair, on LAC 650 SL, to evaluate flame retardant chemicals, fabrics and application concerns. Testing was conducted in accordance with Title 19, California Code of Regulations, Chapter 8, Section 1237.1 (Small Scale). This evaluation began Mar 21, 2013 and was completed Mar 21, 2013.

3 Test Samples

3.1. SAMPLE SELECTION

Samples were submitted to Intertek directly from the client. Samples were not independently selected for testing. Samples were received at the Evaluation Center on Mar 12, 2013 in good condition.

3.2. SAMPLE AND ASSEMBLY DESCRIPTION

LAC 650 SL
Coated Fabric

The test specimen identified as LAC 650 SL was cut into 10 in. x 3.5 in samples by the client. The samples were cut in both the Warp and Fill directions of the material. Each was conditioned in an oven set at 140-145°F for 1 to 1.5 hours before testing.

4 Testing and Evaluation Methods

4.1. TEST STANDARD

Ten specimens of material, 3.5 in. x 10 in. dimensions were prepared and then one-half of each set was cut with the long dimension parallel to the length direction (Warp) and five with the long dimension parallel to the width direction (Fill). If the specimen is to be used outdoors, the test specimens were subjected to accelerated weathering and water extraction procedures. The test specimens were conditioned at 140-145°F (60-63°C) for not less than one hour and not more than 1-1/2 hours before testing. If the test material melts or distorts at that temperature, then it was conditioned at 73°F and 50% r.h. for at least 24 hours. Specimens were removed from the oven one at a time and tested immediately. The specimen is placed on a metal holder and suspended vertically. A 1.5" flame is placed on the middle lower end for 12 seconds. After flame and char length measurements were recorded.

4.2. Test Criteria

The specimen shall not continue flaming for more than an average of 4 seconds after the burner is removed. The individual char length for each specimen beyond 6 inches is overall failure.

5 Testing and Evaluation Results

5.1. Results and Observations

Environmental Conditions: 72°F and 50% r.h.

12 Second Flame Exposure				
Specimen	Direction	Afterflame(s)	Afterglow(s)	Charlength(in)
1	Warp	0	1	3.5
2	Warp	0	1	3.625
3	Warp	1	2	3.625
4	Warp	2	2	3
5	Warp	0	1	3.5
Average		0.6	1.4	3.45

12 Second Flame Exposure				
Specimen	Direction	Afterflame(s)	Afterglow(s)	Charlength(in)
1	Fill	0	2	3.5
2	Fill	1	2	3.625
3	Fill	0	1	3.75
4	Fill	2	2	3.75
5	Fill	0	1	4
Average		0.6	1.6	3.73

5.2. Test Results and Observations

This specimen Passed the test criteria.

6 Conclusion

Intertek has conducted testing for Dickson Saint Clair, on LAC 650 SL, to evaluate flame retardant chemicals, fabrics and application concerns. Testing was conducted in accordance with Title 19, California Code of Regulations, Chapter 8, Section 1237.1 (Small Scale). This evaluation began Mar 21, 2013 and was completed Mar 21, 2013.

Dickson Saint Clair's LAC 650 SL met all the criteria California Title 19, California Code of Regulations, Chapter 8, Section 1237.1 (Small Scale)

The conclusions of this test report may not be used as part of the requirements for Intertek product certification. Authority to Mark must be issued for a product to become certified.

INTERTEK



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7 Calibration

Equipment:	Equipment Number	Calibration Date
Sportline Stop Watch	1251	3/17/14
Test Box Apparatus	1204	Calibrate at the time of testing

8 Revision Summary

DATE	SUMMARY
Mar 22, 2013	Original Date of Issue
