



TEST REPORT

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PRODUCT EVALUATED: Lacopac
EVALUATION PROPERTY: NFPA 701-10, Method 1
Standard Methods of Fire Tests for Flame
Propagation of Textiles and Films

**Report of Testing Lacopac in accordance with NFPA 701-10, METHOD 1:
Standard Methods of Fire Tests for Flame Propagation Of Textiles and
Films**

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1 Table of Contents

1	TABLE OF CONTENTS	2
2	INTRODUCTION.....	3
3	TEST SAMPLES	3
3.1.	SAMPLE SELECTION	3
3.2.	SAMPLE AND ASSEMBLY DESCRIPTION.....	3
4	TESTING AND EVALUATION METHODS	3
4.1.	TEST STANDARD	3
4.2.	DEVIATIONS FROM THE STANDARD METHOD	3
	TESTING AND EVALUATION RESULTS	4
4.3.	RESULTS AND OBSERVATIONS	4
5	CONCLUSION	5
6	REVISION SUMMARY	5

2 Introduction

Intertek has conducted testing for Dickson Saint Claire on Lacopac to assess the propagation of flame beyond the area exposed to the ignition source. Testing was conducted in accordance with NFPA 701-10, Method 1 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films. This evaluation began December 15, 2014 and was completed December 15, 2014.

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 December 8, 2014 in good condition.

3.2. SAMPLE AND ASSEMBLY DESCRIPTION

Sample Name: Lacopac

Sample Description: smooth fabric on the two faces and has a gray under layer, 680 g/m².

Ten specimens were cut 5.9 in. x 15.75 in. by the client. The samples were weighed in grams before testing. Ten specimens were numbered, weighed and conditioned for at least 30 min. at 220± 5°F (105± 3°C) before testing. The specimens were removed from the oven one at a time and tested within 2 minutes.

4 Testing and Evaluation Methods

4.1. TEST STANDARD

The top edge of the specimen was attached to a pin bar so that the specimen was centered and the long dimension of the specimen is in the vertical position with 0.75" binder clips attached to the specimen at each bottom corner to hold it taut. A specified test flame is applied to the bottom center of the specimen for 45 seconds and then removed with eye observation continued.

The average weight loss of ten specimens shall not be greater than forty percent (40%). No individual specimen's percent mass loss shall deviate more than 3 standard deviations from the mean for the 10 specimens. The average floor flame of ten specimens is not greater than 2 seconds.

4.2. Deviations from the Standard Method

There were no deviations from the standard.

Testing and Evaluation Results

4.3. RESULTS AND OBSERVATIONS

Sample No.	Wt. Before (g)	Wt. After test (g)	Percent Wt. Loss	AfterFlame	Floor Flame
1	41.32	27.93	32.41	1	3
2	41.34	40.21	2.73	0	0
3	41.61	40.37	2.99	0	0
4	42.04	28.56	32.06	1	1
5	42.11	40.77	3.18	0	0
6	40.62	39.34	3.16	0	0
7	41.51	40.36	2.79	1	0
8	41.04	40.18	2.11	0	2
9	41.96	40.65	3.13	2	0
10	41.36	39.58	4.31	0	0
Average	41.49	38	8.89	1	1

The average weight loss of the ten samples was not greater than 40%. The mean percent weight loss value plus three standard deviations of the percent weight loss is 43.94. No single specimen exceeded this percentage. The average floor flame time did not exceed 2 seconds.

The samples referenced as Lacopac have met the criteria for NFPA 701-10 Method 1.

5 Conclusion

Intertek has conducted testing for Dickson Saint Claire, on Lacopac to assess the propagation of flame beyond the area exposed to the ignition source. Testing was conducted in accordance with NFPA 701-10, Method 1- Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.

The samples referenced as Lacopac have met the criteria for NFPA 701-10 Method 1.

INTERTEK



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6 Revision Summary

DATE	SUMMARY
December 19, 2014	Original Report
