

TEST REPORT

REPORT NUMBER: 102083832MID-001a
ORIGINAL ISSUE DATE: April 28, 2015
REVISED DATE: NA

EVALUATION CENTER
Intertek
8431 Murphy Drive
Middleton, WI 53562

Rendered To:
Serge Ferrari
Zone Industrielle BP 54
38352 La Tour Du Pin Cedex
38110 LA TOUR DU PIN
France
Catherine Merillon
catherine.merillon@sergeferrari.com

PRODUCT EVALUATED: Soltis B92
EVALUATION PROPERTY: NFPA 701-10, METHOD 1
STANDARD METHODS OF FIRE TESTS FOR FLAME
PROPAGATION OF TEXTILES AND FILMS

Report of Testing Soltis B92 for compliance with the applicable requirements of the following criteria: NFPA 701-10, METHOD 1 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films

"This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program."

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	4
5	TESTING AND EVALUATION RESULTS	4
5.1.	RESULTS AND OBSERVATIONS.....	4
6	CONCLUSION	5
7	REVISION SUMMARY	5

2 Introduction

Intertek has conducted testing for Serge Ferrari on Soltis B92 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 April 27, 2015 and ended April 27, 2015.

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 April 21, 2015 in good condition.

3.2. SAMPLE AND ASSEMBLY DESCRIPTION

Sample Name: Soltis B92

Sample Description: Mesh Polyester yarns coated with PVC flame retardant on both sides and varnished + added on the back side of a blackout film of PVC.

Weight: 650g/m² ± 10%, Thickness: 0.60mm ± 10%, Polyester 1100 dtex: 28% - PVC flame retardant and blackout film of PVC: 72%

The test specimen identified as Soltis B92 was cut into 5.9 in. x 15.75 in. samples by Intertek. 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 was not greater than forty percent (40%). The percent weight loss of any individual specimen did not exceed the mean percent weight loss value. The average floor flame of ten specimens was not greater than 2 seconds.

4.2. Deviations from the Standard Method

No deviations.

5 Testing and Evaluation Results

5.1. RESULTS AND OBSERVATIONS

Environmental Conditions: 72.8°F and 48% R.H.

Sample No.	Wt. Before (g)	Wt. After test (g)	Percent Wt. Loss	AfterFlame	Floor Flame
1	38.32	37.94	0.99	0.0	0.0
2	38.68	38.22	1.19	0.0	0.0
3	39.06	38.82	0.61	0.0	0.0
4	38.36	37.91	1.17	0.0	0.0
5	37.87	37.39	1.27	0.0	0.0
6	38.16	36.48	4.40	0.0	0.0
7	38.62	38.06	1.45	0.0	0.0
8	39.05	38.68	0.95	0.0	0.0
9	38.60	38.09	1.32	0.0	0.0
10	38.06	37.55	1.34	0.0	0.0
Average	38.48	37.91	1.47	0.0	0.0

Any fragments that fell to the floor did not burn more than 2 seconds. The average weight loss of the ten samples was less than 40%. The mean percent weight loss value plus three standard deviations of the percent weight loss is 4.48.

Based on this information it is concluded the specimen passes the test criteria.

6 Conclusion

Intertek has conducted testing for Serge Ferrari on Soltis B92 to assess the propagation of flame beyond the area exposed to the ignition source. Testing was conducted in accordance with NFPA 701-10 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films-Method 1.

The sample PASSED the testing criteria for NFPA 701-10, Method 1 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.

INTERTEK



Reported by: _____

Tolu Bamikunle
Lab Technician III, Verification Center



Reviewed by: _____

Sandy Osborne
Lab Technician II, Verification Center

7 Revision Summary

DATE	SUMMARY
April 28, 2015	Original Report
