

TEST REPORT

Client: Brentano , Inc.
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Wheeling, Il. 60090
Attention: Lan Chenh
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Sample Description as Declared :

Sample Description : Upholstery Fabric
Color : 4590-07
Style # : 4590 / 4594
Fabric/Garment Weight : Not Provided
Fiber Content : 71% Cotton, 29% Nylon
No. of Samples: 1
End Use : Upholstery
Finish : Stain Resistant and Acrylic Backing
Sample Received Date : August 23, 2018
Final Confirmation Received Date: August 24, 2018
Report Completion Date : August 29, 2018



**For and on behalf of
Intertek Products Group North America:**

**Kathleen DeVito
Customer Service**

Intertek North America

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AT-1348

TEST RESULTS:

CA TB 117:2013 – Smolder Resistance of Materials used in Upholstered Furniture

-Section 1: Cover Fabric Test

Sample Description: Fabric Color: 4590-07 Style: 4590 / 4594

The cover fabric material submitted **passes** the flame resistance requirements when tested in accordance with the Bureau of Electronic & Appliance Repair Home Furnishings and Thermal Insulation, Technical Bulletin 117 – 2013, Section 1: Cover fabric test

Component Description: Fabric Color: 4590-07 Style: 4590 / 4594			
Initial Test			
	Vertical Char length (Inches)	Mock-up specimen continues to smolder After 45 Minutes	Mock-up test specimen transitions to open flaming
Specimen 1	0.8	No	No
Specimen 2	0.7	No	No
Specimen 3	0.8	No	No

Requirements: A cover fabric material considered pass or fail based on following criteria

1. A single mock-up test specimen fails to meet the requirements of this test procedure if any of the following criteria occurs:
 - a). The mock-up test specimen continues to smolder after 45 minutes test duration.
 - b). A vertical Char length (measured as specified in step 11.9 of ASTM E1353-08a^{ε1}) of more than 1.8 inches (45 mm) develops on the cover fabric.
 - c). The mock-up test specimen transitions to open flaming.
2. The cover fabric passes the test if three initial mock-up specimens pass the test, i.e., the cigarettes burn their full length and the mock-ups are no longer smoldering.
3. If more than one initial specimen fails, the cover fabric fails the test.
4. If any one of the three initial specimens fails, repeat the test on additional three specimens.
5. If all three additional specimens pass the test, the cover fabric passes the test. If any one of the additional three specimens fails, the cover fabric fails the test.

Note: For Cover fabrics that pass this section, the first layer of filling materials located below the cover fabric shall also meet the test requirements of section 3 of CA TB -117 :2013

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Fabric Color: 4590-07 Style: 4590 / 4594

NFPA 260-2013 - Standard Methods of Test and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture

The material submitted is an NFPA 260 Class I cover fabric when tested in accordance with NFPA 260, Fabric Classification Test Method.

Specimen #	Vertical Char Length (mm)
1	9
2	9
3	10

Classification:

Class 1 - This class includes all fabrics which exhibit a vertical char of less than 45 mm on each of the three replications when subjected to the fabric classification test of NFPA 260, Section 6.1.

AATCC 8:2016 – Colorfastness to Crocking: AATCC Crockmeter Method

Staining Evaluation Method: Gray Scale for Staining

Test Results:

Specimen/Sample	Original	
	Dry	Wet
Fabric Color: 4590-07 Style: 4590 / 4594	4.5	4.5

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ASTM D5034-09 (Reapproved 2017)-Breaking Strength and Elongation of Textile Fabrics

Elongation requested

Size of Clamps:

1" x 1" (Front); 1" x 3"(Back)

Grab Test

Sample Condition:

Conditioned SPECIMEN

Fabric Color: 4590-07 Style: 4590 / 4594		
	SPECIMEN	BREAKING FORCE lbf
WARP	AVERAGE	285.2
WEFT	AVERAGE	263.9

ASTM D4034-92 Resistance to Yarn Slippage at the Sewn Seam in Woven Upholstery Fabrics

Test Condition: Original

Fabric Color: 4590-07 Style: 4590 / 4594			
Unit : lbf	SPECIMEN	SEAM STRENGTH	TYPE OF SEAM RUPTURE
// TO WARP	AVERAGE (lbf)	60.5	STB
// TO WEFT	AVERAG (lbf)	75.6	STB

REMARK: FTS = FABRIC TORN AT SEAM
STB = SEWING THREAD BREAK
TPO = THREAD PULL OUT
FB = FABRIC BREAK
YS = YARN SLIP
* = THE SEAM OPENING WAS LESS THAN ¼INCH/6MM THOUGH THE ULTIMATE SEAM STRENGTH WAS FOUND AS STATED

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