

**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 : 5515-01 and Green Sample  
Style # : 5515 Empire  
Fabric/Garment Weight : Not Provided  
Fiber Content : 61% Mohair, 39% Cotton  
No. of Samples: 2  
End Use : Upholstery  
Finish: None  
Care Instructions : Not Provided  
Sample Received Date : September 19, 2018  
Final Confirmation Received Date: September 19, 2018  
Report Completion Date : September 25, 2018



For and on behalf of  
Intertek Products Group North America:

**Intertek North America**

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TESTING LABORATORY  
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: 5515-01 (GREY COLOR ONLY), Style: 5515 Empire

The cover fabric material submitted **does meet** 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

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	0.9	No	No
Specimen 2	0.9	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<sup>ε1</sup>) 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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**NFPA 260-2013 - Standard Methods of Test and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture**

Fabric Color: Fabric Color: 5515-01 (GREY COLOR ONLY), Style: 5515 Empire

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	15
2	15
3	15

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 116 – Colorfastness to Crocking: AATCC Crockmeter Method**

	Fabric Color: 5515-01 (GREY COLOR ONLY), Style: 5515 Empire
Dry	4.5
Wet	4.5

**RATING SYSTEM**

- Grade 5, Negligible Color Staining
- Grade 4, Slight Color Staining
- Grade 3, Noticeable Color Staining
- Grade 2, Considerable Color Staining
- Grade 1, Excessive Color Staining

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**ASTM D3511/D3511M-16- Pilling Resistance and Other Related Surface Changes of Textile Fabrics:  
Brush Pilling Tester**

Sample Condition: As Received

Sample: Fabric Color: 5515-01 (GREY COLOR ONLY), Style: 5515 Empire	
Average Grade:	4.5
Hairiness / Fuzziness	Negligible

**RATING SYSTEM**

- Grade 5, No Pilling
- Grade 4, Slight Pilling
- Grade 3, Moderate Pilling
- Grade 2, Severe Pilling
- Grade 1, Very Severe Pilling

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

Fabric Color: 5515-01 (GREY COLOR ONLY), Style: 5515 Empire	
	Breaking Force Lbf
Warp Average	66.7
Weft Average	120.7

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

Test Condition: **Original**

Unit : lbf	SPECIMEN	Fabric Color: 5515-01 (GREY COLOR ONLY), Style: 5515 Empire		
		SEAM OPENED AT ¼"/6MM	SEAM STRENGTH	TYPE OF SEAM RUPTURE
// TO WARP	AVERAGE (lbf)	*	73.6	FTS
// TO WEFT	AVERAGE(lb f)	*	64.7	FR

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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