

This report is to supersede WOA00079919, dated March 19, 2015.

TEST REPORT

Applicant: Brentano, Inc.
260 Holbrook Drive
Wheeling, IL 60090

Attn: Lan Chenh

E-Mail: Lchenh@brentanofabrics.com

Sample Description as Declared :

Description : Upholstery Fabric
Style# : 3808 Arrow
Order # /PO # : DES2001
End Use : Upholstery
No. Of Samples: 1
Color : 3808-01, 3808-02
Fiber Content : 70% Wool, 18% Nylon, 10% Polyester, 2% Rayon
Date Received / Date Test Started : March 13, 2015



For and on behalf of
Intertek Products Group North America :

Marcel D. Hill

Marcel Hill
Director of Operations

Intertek North America

545 E Algonquin Road, Suite F
Arlington Heights, IL 60005
Telephone: 847-871-1020



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TEST RESULTS:

Pattern: 3808 Arrow

BREAKING STRENGTH

ASTM D5034 (Grab Test)

Sample Condition: Conditioned

	(lbf)
Warp	72.0
Fill	78.3

RESISTANCE TO YARN SLIPPAGE

ASTM D4034

Test Conditon: Original

	Seam Opened At	Seam Strength	Type of Seam
	1/4"/6MM		Rupture
Warp Average	*	74.8 lbf	FB
Weft Average	*	72.6 lbf	FB

*= the seam opening was less than 1/4 inch / 6mm though the ultimate seam strength was found as stated.

FB= Fabric Break

RESISTANCE TO PILLING AS RECEIVED: BRUSH PILLING TESTER

ASTM D 3511

Sample Condition: As Received

Running Time: 4 Minutes, Then 2 Minutes

Average: 4.0

RATING SYSTEM

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

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COLORFASTNESS TO CROCKING

AATCC 116

Style: 3808-02

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

NFPA 260- 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	25 mm
2	20 mm
3	23 mm

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 4-1.

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

-Section 1: Cover Fabric Test

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

Component description: 3808 Arrow			
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	0.6	No	No
Specimen 2	0.7	No	No
Specimen 3	0.7	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^{e1}) 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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Revision Note: Revised test report includes style # on each page

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*If you need assistance in interpreting these results or if you have any questions,
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