



TEST RESULTS:

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

1202 Keys				
Initial Test				
	Vertical Char length (Inches)	Mock-up specimen continues to smolder After 45 Minutes	Mock-up test specimen transitions to open flaming	Result
Specimen 1	0.7	No	No	Pass
Specimen 2	0.6	No	No	Pass
Specimen 3	0.6	No	No	Pass

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





Textile Testing

553 76th Street · Byron Center, MI 49315 Phone: 616.559.6123 Fax: 616.559.6119



Report Number: 60387
Date: 08-30-2013

For the Account Of: Brentano
260 Holbrook Drive
Wheeling, IL 60090
Contact: Lan Chenh

Client's Identification: Element 1200 / Keys 1202

Test Performed **NFPA 260 Standard Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture – 2013: Fabric Cover Test and UFAC Fabric Classification Test Method – 1990**

TEST DATA

Specimen #	Char Length (inches)
1	1.0
2	0.9
3	0.9

NOTES

Test Conditions: 70 ±2°F, 65 ±2% Relative Humidity

ACCEPTANCE CRITERIA

1. If the test specimen has no ignition, or if no individual specimen yields a vertical char of 44 mm (1.75 in.) or less, the fabric is classified a UFAC and NFPA Class I cover fabric.
2. If the vertical char of the test specimen greater than 45 mm (1.75 in.), the fabric is classified a UFAC Class II cover fabric.
3. If an obvious ignition of the polyurethane substrate occurs on the test assembly, the fabric is classified a UFAC Class II cover fabric.

CONCLUSION Based on the above Results and Acceptance Criteria, the item tested is:

- Class I
- Class II

CERTIFICATION: I certify that the above results were obtained after testing specimen in accordance with the procedures and equipment specified by the standard stated above.

C. VanKinner

Authorized Signature-MB