

Style# : Acer 7490

ABRASION RESISTANCE (OSCILLATORY CYLINDER METHOD)

ASTM D 4157

Abradent Used: Cotton Duck

Cycles Requested: 100,000

Color 05	Warp	Fill
Average:	Yarn Breakage at 65,000 Double Rubs	No yarn Breakage at 65,000 Double Rubs

The end point is reached on a woven fabric when two or more yarns have broken or on a knitted fabric when a hole appears.

COLORFASTNESS TO CROCKING

AATCC 116-2013

	Color 05
Dry	4.5
Wet	4.5

RATING SYSTEM

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

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.

Light Grey Color

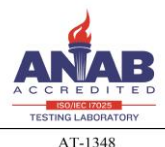
Specimen #	Vertical Char Length (mm)
1	13
2	15
3	14

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.

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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

Dark Grey Color

	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	0.9	No	No
Specimen 3	0.9	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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