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

ACCREDITED
TESTING CERT. #3193.01

Report Number: 50748
Date: 2-23-2012

For the Account Of: Burch Fabrics
4200 Brockton Drive SE
Grand Rapids, MI 49512
Contact: Kayla Korn

Client's Identification: **Century**

Test Performed **California Technical Bulletin 117, Section E (CPSC 16 CFR 1610 – CS 191-53) Upholstery Fabrics, March 2000**

TEST DATA
☒ **Plain Surface** ☐ **Raised Surface**

Specimen	Flame Spread **Warp Face** (seconds)	Flame Spread **Warp Back** (seconds)
1	DNI	
2	DNI	
3	DNI	
4		DNI
5		DNI

Specimen	Flame Spread **Fill Face** (seconds)	Flame Spread **Fill Back** (seconds)
1	DNI	
2	DNI	
3	DNI	
4		DNI
5		DNI

ABBREVIATIONS USED
DNI Did not ignite when exposed to test ignition source
IBE Ignited but extinguished before burning through stop cord
SF Surface flash only; stop cord not burned & no burning/charring/fusing of the base fabric
TSF Timed surface flash; stop cord burned, but no burning/charring/fusing of the base fabric

ACCEPTANCE CRITERIA
1. **With nap** - Minimum flame spread of any individual specimens shall be 7 seconds. (ACT Criteria decreases minimum time to 4 seconds)
2. **Without nap** - Minimum flame spread of any individual specimens shall be 3.5 seconds.

CONCLUSION Based on the above Results and Acceptance Criteria, the item tested:
☒ Complies
☐ Does Not Comply

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.

Authorized Signature

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Grand Rapids, MI 49512
Contact: Kayla Korn

Client's Identification: Century

Test Performed **Standard Method of Test for Surface Burning Characteristics of Building Materials ASTM E84-10 Unadhered**

TEST DATA

Test Specimen	Flame Spread Index	Smoke Developed Index
Reinforced Cement Board	0	0
Red Oak Flooring	100	100
Panel 1894-001	5	70

Specimen Data

Time to Ignition	00.03 (min)
Maximum Flame Spread	01.28 (ft)
Time to Maximum Flame Spread	00.40 (min)

ACCEPTANCE CRITERIA

Class	Flame Spread Index	Smoke Development Rating
1 or A	0 - 25	0 - 450 maximum
2 or B	26 - 75	0 - 450 maximum
3 or C	76 - 200	0 - 450 maximum

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

- ☒ Class 1 or A
- ☐ Class 2 or B
- ☐ Class 3 or C
- ☐ Unrated

DISCUSSION

This test is certified for ASTM E84 by the Southern Building Code Congress International (SBCCI) as a testing laboratory for Fire and Materials testing, Evaluation Report Number TL-9606 (Commercial Testing), and by the United States Department of Commerce, National Institute of Standards and Technology (NIST), through the National Voluntary Laboratory Accreditation Program (NVLAP) for compliance with criteria set forth in NIST Handbook 150:2001, all requirements of ISO/IEC 17025:1999, and relevant requirements of ISO 9002:1994.

This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from daily-constituted authorities. The test results presented in this report apply only to the samples tested and are not necessarily indicative of apparent identical or similar materials. The client provided sample selection and identification. A sampling plan, if described in the referenced test procedure, was not necessarily followed. This report shall not be used under any circumstance in advertising to the general public.

Introduction

This report is a presentation of results of a surface flammability test on the material referenced above, tested as submitted by the client.

The test was conducted in accordance with the American Society for test and Materials fire test response standard E84-09, Surface Burning Characteristics of Building Materials, sometimes referred to as the Steiner Tunnel test. This test is applicable to exposed surfaces such as walls and ceilings. The test is conducted with the specimen in the ceiling position with the surface to be evaluated exposed face down to the ignition source. The method, which is similar to NFPA No. 255 and UL No. 723, is an American Nationals (ANSI) Standard and has been approved for use by agencies of the Department of Defense for listing in the DoD Index of Specifications and Standards.

This standard is used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled conditions, but does not by itself incorporate all factors required for fire-hazard or fire-risk assessment of materials, products, or assemblies under actual fire conditions.