

certificate of testing

client Burch
4200 Brockton Dr SE
Grand Rapids, MI 49512

product identification Zion

test method performed standard methods of tests and classification system for cigarette ignition resistance of components of upholstered furniture nfpa 260 – 2019: cover fabrics test

date of test 8.12.2022

test results

specimen	char length (in.)
1	0.6
2	0.6
3	0.6

notes

test conditions 70 ±3.5°F, 50 ±5% relative humidity
ignition source srm1196a
sampling as received

acceptance criteria

class i test specimen exhibits no ignition of any test assembly, vertical char length on any of the three specimens does not exceed 45mm (1.8 inches)
class ii test specimen exhibits ignition of test assembly and / or char length of any of the three specimens exceeds 45mm (1.8 inches)

classification

based upon the test results and acceptance criteria listed above, the product identified is
 class i
 class ii

certification statement by signing below, the lab certifies that the results were obtained after testing specimens submitted by the client in accordance to the procedures and equipment specified by the standard stated above.

approved by: 

This report is confidential and prepared for the exclusive use of the client to whom they are addressed. It may not be reproduced or published without prior written approval. The results apply only to the samples tested and may not necessarily reflect product performance under actual use. The results are representative of similar goods only to the extent that the sample tested is representative of those goods.

certificate of testing

client Burch
4200 Brockton Dr SE
Grand Rapids, MI 49512

product identification Zion

test method performed smolder resistance of materials used in upholstered furniture – section 1: cover fabrics
california technical bulletin 117: 2013 (january 2019 revision)
date of test 8.12.2022

test results

specimen	char length (in.)	extinguished <45 min (y/n)
1	0.5	y
2	0.5	y
3	0.6	y

notes

test conditions 70 ±3.5°F, 50 ±5% relative humidity requirement: 21 ±3°C, less than 55% relative humidity
sampling as received
ignition source srm1196a
deviations none

acceptance criteria

- pass
- vertical char length ≤1.8 inches (45mm)
 - smoldering extinguishes within 45 minutes
 - no transition to open flaming
- fail
- vertical char >1.8 inches (45mm)
 - smoldering beyond 45 minutes
 - specimens transition to open flaming
- retest
- if only one of the three initial specimens fail, retest an additional three specimens
 - if all three additional specimens pass the test, the cover fabric passes the test
 - if any one of the additional three specimens fail, the cover fabric fails the test

classification

based upon the test results and acceptance criteria listed above, the product identified is a

- pass
- fail
- requires retesting

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