

certificate of testing

client **Burch**
4200 Brockton Drive SE
Grand Rapids, MI 49512

product identification **Thesis**

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 **4.18.2022**

test results

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

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: 

certificate of testing

client **Burch**
4200 Brockton Drive SE
Grand Rapids, MI 49512

product identification **Thesis**

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 **4.18.2022**

test results

specimen	char length (in.)
1	self-extinguished
2	self-extinguished
3	self-extinguished

notes

test conditions 70 ±3.5%, 50 ±5% relative humidity
ignition source srm 1196a
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: *J. Fuend*