

certificate of testing

client Richloom Bailey Plant
100 Bailey Plant Rd
Clinton, SC 29325
product identification Subra PO#3718 (color Seafoam)

test method performed standard methods of fire test for flame propagation of textiles and films nfpa 701 – 2019,
test method 1
date of test 2.22.2023

test results

| specimen | mass initial (g) | mass final (g) | mass loss (%) | flaming drip (s) | after flame (s) |
|----------|------------------|----------------|---------------|------------------|-----------------|
| 1 | 25.2 | 20.4 | 19% | 0.0 | 0.0 |
| 2 | 26.9 | 22.2 | 17% | 0.0 | 0.0 |
| 3 | 26.8 | 22.2 | 17% | 0.0 | 0.0 |
| 4 | 25.8 | 22.4 | 13% | 0.0 | 5.0 |
| 5 | 25.8 | 20.2 | 22% | 0.0 | 0.0 |
| 6 | 25.2 | 22.5 | 11% | 0.0 | 0.0 |
| 7 | 25.2 | 20.2 | 20% | 0.0 | 0.0 |
| 8 | 25.1 | 22.4 | 11% | 0.0 | 0.0 |
| 9 | 25.0 | 19.5 | 22% | 0.0 | 0.0 |
| 10 | * | * | * | * | * |
| avg | 25.7 | 21.3 | 17% | 0.0 | 0.6 |

*insufficient material

notes

approximate material weight 12.6 ounces per square yard
standard deviation 4.4%
mean + 3 standard deviations 30.0%
product configuration single layer multi layer
results reported initially other:
conditioning oven 220°F, 30 minutes 70 ±3.5°F, 50 ±5% rh for 24h
sampling as received
intended end use drapery other:

acceptance criteria after flame is required to be recorded but the standard does not factor it in the failure criteria

1. flaming drip cannot exceed an average of 2 seconds per specimen for the sample of 10 specimens
2. the average weight loss of the 10 specimens in a sample shall be 40 percent or less
3. no individual specimen's percent mass loss shall deviate more than 3 standard deviations from the mean for the 10 specimens

conclusion

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

- passes
- fails
- requires retesting of 10 additional specimens

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: 