



For the Account of: Mermet
5970 N Main St Cowpens SC 29330

Client's Identification: S SCREEN 1%

CERTIFICATE OF TESTING

TEST PERFORMED: NFPA 701 Standard Methods of Fire Test for Flame Propagation of Textiles and Films 2023 – Test #1

TEST RESULTS

Specimen	Mass Initial (g)	Mass Final (g)	Mass Loss (%)	Drip Burn (s)	Afterflame (s)
1	40.1	29.3	27	0.0	0.0
2	40.0	29.9	25	0.0	0.0
3	39.9	29.7	26	0.0	0.0
4	40.1	28.8	28	0.0	0.0
5	40.0	29.1	27	0.0	0.0
6	39.8	29.6	26	0.0	0.0
7	40.4	28.7	29	0.0	0.0
8	39.8	29.8	25	0.0	0.0
9	40.2	29.7	26	0.0	0.0
10	39.9	29.8	25	0.0	0.0
Average	40.0	29.4	26	0.0	0.0

NOTES

Approximate weight (oz./sq. yd): 19.7

Standard Deviation: 1.3

Mean + 3 SD: 29.9

Product Configuration: Single Layer Multi Layer
Material Tested: Initially
Test Environment: 70 ±4°F, 50 ±5% Relative Humidity
Conditioning: Oven at 220°F (30 minutes) 70 ±4°F & 65 ±5%RH for 24 hours
Sampling: As Received
Intended End-use: Drapery

ACCEPTANCE CRITERIA

Afterflame is required to be recorded; however, it is not factored into the Acceptance Criteria

1. Drip burn (Flaming Drip) shall not exceed an average of 2 seconds per specimen for the sample of 10 specimens
2. Mass Loss shall not exceed 40% for the average of 10 specimens
3. Individual specimen mass loss shall not exceeds mean + 3 SD

CONCLUSION

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

- Complies
 Does Not Comply
 Testing of 10 additional specimens is required

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

Date Order Completed: 03/31/2025



For the Account of: Mermet
5970 N Main St Cowpens SC 29330

Client's Identification: S SCREEN 4%

CERTIFICATE OF TESTING

TEST PERFORMED: NFPA 701 Standard Methods of Fire Test for Flame Propagation of Textiles and Films 2023 – Test #1

TEST RESULTS

Specimen	Mass Initial (g)	Mass Final (g)	Mass Loss (%)	Drip Burn (s)	Afterflame (s)
1	38.9	32.2	17	0.0	0.0
2	38.5	29.7	23	0.0	0.0
3	38.1	28.0	27	0.0	0.0
4	38.5	28.3	26	0.0	0.0
5	38.2	30.8	19	0.0	0.0
6	39.2	30.1	23	0.0	0.0
7	38.8	29.8	23	0.0	0.0
8	38.7	28.7	26	0.0	0.0
9	38.5	29.1	24	0.0	0.0
10	38.7	30.7	21	0.0	0.0
Average	38.6	29.7	23	0.0	0.0

NOTES

Approximate weight (oz./sq. yd): 19.0

Standard Deviation: 3.2

Mean + 3 SD: 32.6

Product Configuration: Single Layer Multi Layer
Material Tested: Initially
Test Environment: 70 ±4°F, 50 ±5% Relative Humidity
Conditioning: Oven at 220°F (30 minutes) 70 ±4°F & 65 ±5%RH for 24 hours
Sampling: As Received
Intended End-use: Drapery

ACCEPTANCE CRITERIA

Afterflame is required to be recorded; however, it is not factored into the Acceptance Criteria

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3. Individual specimen mass loss shall not exceeds mean + 3 SD

CONCLUSION

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 Does Not Comply
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Date Order Completed: 03/31/2025