

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

Client's Identification: T SCREEN KOOLBLACK 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        | 29.6             | 23.0           | 22            | 0.0           | 0.0            |
| 2        | 29.4             | 23.7           | 19            | 0.0           | 0.0            |
| 3        | 29.5             | 22.0           | 25            | 0.0           | 0.0            |
| 4        | 29.5             | 22.8           | 23            | 0.0           | 0.0            |
| 5        | 29.5             | 22.6           | 23            | 0.0           | 0.0            |
| 6        | 29.5             | 24.7           | 16            | 0.0           | 0.0            |
| 7        | 29.3             | 23.5           | 20            | 0.0           | 0.0            |
| 8        | 29.3             | 25.2           | 14            | 0.0           | 0.0            |
| 9        | 29.8             | 24.5           | 18            | 0.0           | 0.0            |
| 10       | 29.9             | 25.0           | 16            | 0.0           | 0.0            |
| Average  | 29.5             | 23.7           | 20            | 0.0           | 0.0            |

### NOTES

Approximate weight (oz./sq. yd): 14.5

Standard Deviation: 3.6

Mean + 3 SD: 30.8

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

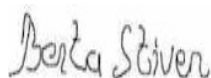
1. Drip burn (Flaming Drip) shall not exceed an average of 2 seconds per specimen for the sample of 10 specimens
2. Mass Loss shall not exceed 40% for the average of 10 specimens
3. Individual specimen mass loss shall not exceeds mean + 3 SD

### 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: 05/06/2025

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

Client's Identification: T SCREEN KOOLBLACK 3%

## 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        | 28.4             | 22.0           | 23            | 0.0           | 0.0            |
| 2        | 28.5             | 22.1           | 22            | 0.0           | 0.0            |
| 3        | 28.4             | 22.0           | 23            | 0.0           | 0.0            |
| 4        | 28.7             | 22.5           | 22            | 0.0           | 0.0            |
| 5        | 28.9             | 23.7           | 18            | 0.0           | 0.0            |
| 6        | 28.9             | 23.8           | 18            | 0.0           | 0.0            |
| 7        | 28.2             | 22.9           | 19            | 0.0           | 0.0            |
| 8        | 27.7             | 23.4           | 16            | 0.0           | 0.0            |
| 9        | 28.7             | 19.6           | 32            | 0.0           | 0.0            |
| 10       | 29.0             | 23.8           | 18            | 0.0           | 0.0            |
| Average  | 28.5             | 22.6           | 21            | 0.0           | 0.0            |

### NOTES

Approximate weight (oz./sq. yd): 14.0

Standard Deviation: 4.6

Mean + 3 SD: 34.8

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

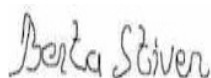
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Date Order Completed: 05/06/2025