

#### Texdecor - Casamance 2, rue d'Hem 59780 WILLEMS France

**Your notice of** 07-10-2021

Your reference

Date 15-10-2021

# Analysis Report 21.06263.10

Required tests : NFPA 701 (2019)

Standard Methods of Fire Tests for Flame Propagation of Textiles and Films

| Sample id | Information given by the client | Date of receipt |
|-----------|---------------------------------|-----------------|
| T2121633  | M304                            | 07-10-2021      |

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Gina Créelle Order responsible

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## Reference: T2121633 - M304

## Standard Methods of Fire Tests for Flame Propagation of Textiles and Films

Date of ending the test15-10-2021Standard usedNFPA 701 (2019)

Deviation from the standard

The test specimens have not been cleaned nor submitted to an accelerated ageing procedure

The test specimens are dried in an oven for at least 30 min. at  $(105 \pm 3)$  °C.

Specimens are tested according to NFPA 701 - Test Method 1

Weight (g/m<sup>2</sup>) 488

Flame application time (s) 45

Length

|                                    | Afterflame time<br>(s) | Flame time (s)<br>droplets/<br>debris | Mass<br>(g)<br>before | Mass<br>(g)<br>after | Mass loss (%) |
|------------------------------------|------------------------|---------------------------------------|-----------------------|----------------------|---------------|
| #1                                 | 0                      | 0                                     | 30.4                  | 26.5                 | 13            |
| #2                                 | 0                      | 0                                     | 29.9                  | 26.5                 | 11            |
| #3                                 | 0                      | 0                                     | 30.3                  | 26.8                 | 12            |
| #4                                 | 0                      | 0                                     | 30.0                  | 25.5                 | 15            |
| #5                                 | 0                      | 0                                     | 29.8                  | 28.6                 | 4             |
| #6                                 | 0                      | 1                                     | 30.0                  | 26.7                 | 11            |
| #7                                 | 0                      | 0                                     | 30.1                  | 27.5                 | 9             |
| #8                                 | 0                      | 0                                     | 30.2                  | 28.4                 | 6             |
| #9                                 | 0                      | 1                                     | 30.2                  | 25.6                 | 15            |
| #10                                | 0                      | 1                                     | 30.0                  | 26.3                 | 12            |
| Average                            |                        | 0                                     |                       |                      | 11            |
| Standard deviation mass loss (σ) 4 |                        |                                       |                       |                      |               |
| Average + $3\sigma$ 23             |                        |                                       |                       |                      |               |

#### **Performance criteria**

- afterflame time debris (average) : not more than 2s

- mass loss (average) : not more than 40%

- mass loss (individual) : deviation not more than 3 standard deviations from the average

Conclusion

Pass

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