



**Crypton Belgium bv**  
**Industrielaan 105 / 3**  
**8930 MENEN**

**Your notice of**  
25-08-2021

**Your reference**

**Date**  
15-09-2021

## Analysis Report 21.05399.03

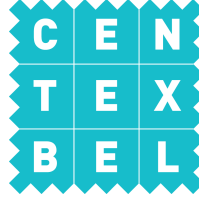
Required tests :

**IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8**      **Fire tests - Test for upholstered furniture - smouldering cigarette test**  
**IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8**      **Fire tests - Test for upholstered furniture - Match flame equivalent**

| Sample id | Information given by the client                      | Date of receipt |
|-----------|--|-----------------|
| T2118408  | CRYPTON NAME SADIE - CUSTOMER ARISTIDE<br>NAME DAILY | 25-08-2021      |

Mike De Vrieze  
Order responsible

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The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples.  
In assessing compliance with the specifications, we did not take into account the uncertainty on the test results.

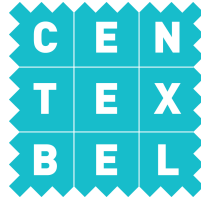


**Reference: T2118408 - CRYPTON NAME SADIE - CUSTOMER ARISTIDE NAME DAILY**

**IMO upholstered furniture**

**Information given by the client**

|                                   |                           |
|-----------------------------------|---------------------------|
| Type of furniture                 | Sofa                      |
| <b>Fabric</b>                     |                           |
| Composition                       | 86% polyester - 14% acryl |
| Structure                         | Plain                     |
| Number of threads - warp          | 14/cm                     |
| Number of threads - weft          | 8.2/cm                    |
| Yarn count - warp                 | 7                         |
| Yarn count - weft                 | 5.3                       |
| Thickness in mm                   | -                         |
| Weight g/m <sup>2</sup>           | 585                       |
| Colour                            | Aegean / Petrol           |
| Treated with an FR finish/coating | yes                       |



**Reference: T2118408 - CRYPTON NAME SADIE - CUSTOMER ARISTIDE NAME DAILY**

**Fire tests - Test for upholstered furniture - smouldering cigarette test**

|                             |  |
|-----------------------------|--|
| Date of ending the test     | 03-09-2021   |
| Standard used               | IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8  |
| Deviation from the standard | -  |
| Conditioning                | 23°C, relative humidity 50%  |
| Filling                     | T 23140 (Recticel) * - non-fire retardant foam - $\pm 22 \text{ kg/m}^3$<br>* standard non-FR PU-foam (as indicated in Appendix 2 and 3 of Part 8) |
| Dimension of the specimens  | 800 mm x 650 mm x 1 mm   |
| Weight (g/m <sup>2</sup> )  | 606  |

Ignition source: smouldering cigarette with the following specifications

Length:  $(70 \pm 4) \text{ mm}$

Diameter:  $(8.0 \pm 0.5) \text{ mm}$

Mass:  $(0.95 \pm 0.15) \text{ g}$

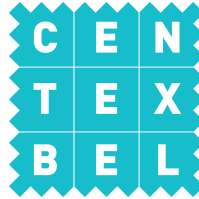
Smouldering rate:  $(11.0 \pm 4.0) \text{ min} / 50 \text{ mm}$



|  | 1            | 2            |
|--|--------------|--------------|
| <b>Smouldering criteria</b>                            |              |              |
| Unsafe escalating combustion                           | no           | no           |
| Test assembly consumed                                 | no           | no           |
| Smoulders to extremities                               | no           | no           |
| Smoulders through thickness                            | no           | no           |
| Smoulders more than 1 hour                             | no           | no           |
| Final examination / active smouldering                 | no           | no           |
| <b>Flaming criteria</b>                                |              |              |
| Occurrence of flames                                   | no           | no           |
| <b>Additional observations</b>                         |              |              |
| Maximum extent of damage from the ignition source (mm) | 5            | 5            |
|  |              |              |
|  | non-ignition | non-ignition |

**Conclusion Pass**

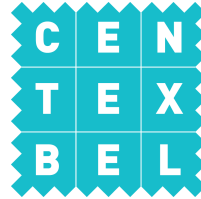
The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test: they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.



**Reference: T2118408 - CRYPTON NAME SADIE - CUSTOMER ARISTIDE NAME DAILY**

**Fire tests - Test for upholstered furniture - Match flame equivalent**

|                             |  |
|-----------------------------|--|
| Date of ending the test     | 03-09-2021   |
| Standard used               | IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8  |
| Deviation from the standard | -  |
| Conditioning                | 23°C, relative humidity 50%  |
| Filling                     | T 23140 (Recticel) * - non-fire retardant foam - $\pm 22 \text{ kg/m}^3$<br>* standard non-FR PU-foam (as indicated in Appendix 2 and 3 of Part 8) |
| Dimension of the specimens  | 800 mm x 650 mm x 1 mm   |
| Weight (g/m <sup>2</sup> )  | 606  |
| Flame application time (s)  | 20   |



|  | 1            | 2            |
|--|--------------|--------------|
| <b>Smouldering criteria</b>                            |              |              |
| Unsafe escalating combustion                           | no           | no           |
| Test assembly consumed                                 | no           | no           |
| Smoke/heat/glowing more than 120 s                     | no           | no           |
| Final examination / active smouldering                 | no           | no           |
| <b>Flaming criteria</b>                                |              |              |
| Unsafe escalating combustion                           | no           | no           |
| Test assembly consumed                                 | no           | no           |
| Flaming > 120 s  | no           | no           |
| Afterflame time (s)                                    | 2            | 5            |
| <b>Additional observations</b>                         |              |              |
| Afterglow time (s)                                     | 0            | 0            |
| Maximum extent of damage from the ignition source (mm) | 50           | 40           |
|  |              |              |
|  | non-ignition | non-ignition |

**Conclusion Pass**

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test: they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.