

## FLAMMABILITY TEST REPORT

**Report No.:** LEI19042683A  
**Supplementary to:**  
LEI19042682A

**Date Received:** 12/04/19

**Date Tested:** 18/04/19

**Date Issued:** 18/04/19

**Company Name & Address:** ARISTIDE NV  
NACHTEGAALSTRAAT 109  
KONTICH  
BELGUIM  
2550

**Contact Name:** PIETER-JAN DEBUSSCHERE

**Sample Details**

Order No.: Markle EN1021  
Description: Markle  
Ref/ Style No.: Markle FR  
Colour: Not stated  
Quality: Markle  
Supplier: Not stated  
Batch No.: P6225801  
End Use: Upholstery  
Quoted Fibre Composition: 100% Polyester  
Retailer: Not stated  
Sample Description: Orange coloured woven fabric with white coloured backing

| Test Method                                   | Pre Treatment                                | Requirement                                      | Result                         |
|---|--|--|--------------------------------|
| BS EN 1021-1: 2014<br>(Cigarette Test)        | Watersoak as Annex D<br>of BS EN 1021-1:2014 | As BS EN 1021-1: 2014<br>(Cigarette Test)        | <b>Non Ignition<br/>(PASS)</b> |
| BS EN 1021-2:2014<br>(Match Flame Equivalent) | Watersoak as Annex D<br>of BS EN 1021-2:2014 | As BS EN 1021-2:2014<br>(Match Flame Equivalent) | <b>Non Ignition<br/>(PASS)</b> |



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## FLAMMABILITY TEST REPORT

### Test Specification

Test Method: BS EN 1021-1: 2014 (Cigarette test)  
Ignition Source: Source 0: Filterless Cigarette  
Side Tested: Face

### Filling Specification

Filling Type: Polyurethane Foam  
Supplier / Grade: Carpenter / RP21130 Unmodified  
Size: 450 X 300 X 75mm (back) & 450 X 150 X 75mm (seat)  
Density / Hardness: 20-22 kg/m<sup>3</sup> / Type B, 130N

### Pre-treatment / Durability procedure

Watersoak as Annex D of BS EN 1021-1:2014

### Conditioning

Prior to testing: At least 24 hours in an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5%  
At time of testing: Temperature of 10 °C to 30 °C and a relative humidity of 15 % to 80 %

### Test Results

#### Cigarette Test

| Test number / position                                      | 1            | 2            |
|---|--------------|--------------|
| <b>Criterion of ignition</b>                                |              |              |
| <b>Smouldering Criteria</b>                                 |              |              |
| Unsafe escalating combustion (3.1a)                         | No           | No           |
| Test assembly consumed (3.1b)                               | No           | No           |
| Smoulders to extremities (3.1c)                             | No           | No           |
| Smoulders more than 1 hour (3.1d)                           | No           | No           |
| In final examination, presence of active smouldering (3.1e) | No           | No           |
| Occurrence of flames (3.2)                                  | No           | No           |
| <b>Comments</b>   |              |              |
| Flaming ceased  | -            | -            |
| Sample glowing ceased                                       | -            | -            |
| Smoke ceased  | < 22 Minutes | < 23 Minutes |
| <b>Result (Ignition / Non Ignition)</b>                     | <b>NI</b>    | <b>NI</b>    |

"The above test results relate only to the ignitability of the combinations of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use."

## FLAMMABILITY TEST REPORT

### Test Specification

Test Method: BS EN 1021-2: 2014 (Match Flame Equivalent)  
Ignition Source: Source 1: Butane Gas flowing at 45ml/min  
Side Tested: Face

### Filling Specification

Filling Type: Polyurethane Foam  
Supplier / Grade: Carpenter / RP21130 Unmodified  
Size: 450 X 300 X 75mm (back) & 450 X 150 X 75mm (seat)  
Density / Hardness: 20-22 kg/m<sup>3</sup> / Type B, 130N

### Pre-treatment / Durability procedure

Watersoak as Annex D of BS EN 1021-2:2014

### Conditioning

Prior to testing: At least 24 hours in an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5%  
At time of testing: Temperature of 10 °C to 30 °C and a relative humidity of 15 % to 80 %

### Match flame equivalent

| Test number / position                                      | 1          | 2         | 3          |
|---|------------|-----------|------------|
| <b>Criterion of ignition</b>                                |            |           |            |
| <b>Smouldering Criteria</b>                                 |            |           |            |
| Unsafe escalating combustion (3.1a)                         | No         | No        | No         |
| Test assembly consumed (3.1b)                               | No         | No        | No         |
| Smoulders to extremities (3.1c)                             | No         | No        | No         |
| Smoulders through thickness (3.1c)                          | No         | No        | No         |
| Smoulders more than 1 hour (3.1d)                           | No         | No        | No         |
| In final examination, presence of active smouldering (3.1e) | No         | No        | No         |
| <b>Flaming criteria</b>                                     |            |           |            |
| Unsafe escalating combustion (3.2a)                         | No         | No        | No         |
| Test assembly consumed (3.2b)                               | No         | No        | No         |
| Flames to extremities (3.2c)                                | No         | No        | No         |
| Flames through thickness (3.2c)                             | No         | No        | No         |
| Flames longer than 120 s (3.2d)                             | No         | No        | No         |
| <b>Comments</b>   |            |           |            |
| Flaming ceased  | 0 Seconds  | 0 Seconds | 0 Seconds  |
| Glowing ceased  | -          | -         | -          |
| Smoke ceased  | 11 Seconds | 7 Seconds | 13 Seconds |
| <b>Result (Ignition / Non Ignition)</b>                     | <b>NI</b>  | <b>NI</b> | <b>NI</b>  |

*"The above test results relate only to the ignitability of the combinations of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use."*

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