

**LANCASHIRE TESTING SERVICES LIMITED**

Lyon Road Industrial Estate : Kearsley : Bolton

Lancashire : BL4 8NB

Tel: +44 (0) 1204 792858

Email: enquiries@ltslab.co.uk

[www.ltslab.co.uk](http://www.ltslab.co.uk)

9630

**TEST CERTIFICATE**

|                |  |   |                     |
|----------------|--|---|---------------------|
| <b>CLIENT:</b> | Supplied by:<br>Vyva Fabrics<br>TT. Vasumweg 140<br>1033 SH Amsterdam<br>The Netherlands | <b>Certificate Number:</b>                  | <b>UK2100915 -1</b> |
|                |  | <b>Date Received:</b>                       | 08/03/2021          |
|                |  | <b>Date Issued:</b>                         | 04/08/2021          |
|                |  | <b>Issue Number:</b>                        | 1                   |
|                |  | Changes from previous issue (if applicable) |                     |
| <b>Tel:</b>    | +31 (0) 20 659 9523  |   |                     |
| <b>Email:</b>  | info@vyvafabrics.nl  |   |                     |

**SAMPLE IDENTIFICATION**

The information in this section is provided by the client and Lancashire Testing Services Ltd assumes no responsibility or liability for its accuracy.

Sample Name / Reference      Aqua Fabrics Primeira

Additional Names:      -

Batch Ref/Number:      1121MALI

Order Number:      -

Colour:      -

Fabric Composition:      100% Polyester

Customer:      Vyva Fabrics

**SPECIFICATION**

BS7176:2007 + A1:2011 - Medium Hazard

**TEST METHOD**Flammability:      BS EN 1021-1:2006 Part 1: Ignition source smouldering cigarette  
BS EN 1021-2:2006 Part 2: Ignition source match flame equivalentPre-treatment:      BS 5852:2006 Crib Ignition source 5  
BS 5852:2006 Annex E - Water soaking procedure**Conclusion**The composite tested:      **Complies**      with the flammability requirements of:  
BS 7176:2007 + A1:2011 Medium hazard, taking into account uncertainty of measurement.Uncertainty of Measurement:  $\pm 1$  second - timing measurements,  $\pm 1$ mm - dimensional measurements**Comments:**

Please note that copies of this original certificate are not valid

**LANCASHIRE TESTING SERVICES LIMITED**

Lyon Road Industrial Estate : Kearsley : Bolton

Lancashire : BL4 8NB

Tel: +44 (0) 1204 792858

Email: enquiries@ltslab.co.uk

[www.ltslab.co.uk](http://www.ltslab.co.uk)

9630

**TEST CERTIFICATE****Test Results:-****BS7176:2007 + A1:2011 - Medium Hazard - Specification for resistance to ignition of upholstered furniture for non-domestic seating by testing composites**

"The following test results relate only to the ignitability of the combination 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."

|   |  |                        |                        |                     |              |   |
|---|--|------------------------|------------------------|---------------------|--------------|---|
| Sample Code   | UK2100915 -1   |                        |                        |                     |              |   |
| Sample / Name Reference   | Agua Fabrics Primeira  |                        |                        |                     |              |   |
| Client  | Vyva Fabrics   |                        |                        |                     |              |   |
| Date of test  | 12/03/2021   |                        |                        |                     |              |   |
| Pre-Treatment   | BS 5852:2006 Annex E - Water soaking procedure<br>Line Dried during day at ambient temperature |                        |                        |                     |              |   |
| Filling Type  | Carpenter/RX36110 CMHR polyurethane foam of approximate density 36Kg/m3                        |                        |                        |                     |              |   |
| Size of test rig  | Small: Back - 450 x 300 ± 2mm + Seat - 450 x 150 ± 2mm   |                        |                        |                     |              |   |
| Test Conditions   | Period h   | Temperature °C         |                        | Relative humidity % | Air Flow m/s | Volume m³   |
| Conditioning of test specimens  | ≥24  | 23±2                   |                        | 50±5                | -            | -   |
| Testing conditions  | -  | 10-30                  |                        | 15-80               | 0.02-0.2     | >6  |
| Testing Source  | BS EN 1021-1:2006 Smouldering Cigarette Source   |                        |                        |                     |              |   |
| Testing time limit  | 60 minutes after placement of smouldering cigarette.   |                        |                        |                     |              |   |
| Test No.  | Position   | Ignition/N on Ignition | Duration of: (min.sec) |                     |              | Smouldering and flaming criteria exceeded: (If any) |
|   |  |                        | Ignition Source        | Flames              | Smoke        |   |
| 1   | RHS  | NI                     | 17.10                  | -                   | 19.11        | -   |
| 2   | M  | NI                     | 19.41                  | -                   | 21.52        | -   |
| 3   | -  | -                      | -                      | -                   | -            | -   |
| Testing Source  | BS EN 1021-2:2006 Match flame ignition source  |                        |                        |                     |              |   |
| Testing time limit  | 2 minutes after removal of burner tube (120 seconds)   |                        |                        |                     |              |   |
| Test No.  | Position   | Ignition/N on Ignition | Duration of: (sec)     |                     |              | Smouldering and flaming criteria exceeded: (If any) |
|   |  |                        | Ignition Source        | Flames              | Smoke        |   |
| 1   | RHS  | NI                     | 15                     | 15                  | 23           | -   |
| 2   | M  | NI                     | 15                     | 15                  | 24           | -   |
| 3   | LHS  | NI                     | 15                     | 15                  | 24           | -   |
| RESULT: SMOULDERING CIGARETTE SOURCE  |  |                        |                        |                     | PASS         |   |
| MATCH FLAME IGNITION SOURCE   |  |                        |                        |                     | PASS         |   |
| KEY: I = Ignition, NI = Non Ignition, LHS = Left hand side, M = Middle, RHS = Right hand side |  |                        |                        |                     |              |   |

Issue Number: 1

Please note that copies of this original certificate are not valid

This report relates only to the sample tested and does not guarantee the bulk of the material to be of equal quality

**LANCASHIRE TESTING SERVICES LIMITED**

Lyon Road Industrial Estate : Kearsley : Bolton

Lancashire : BL4 8NB

Tel: +44 (0) 1204 792858

Email: enquiries@ltslab.co.uk

[www.ltslab.co.uk](http://www.ltslab.co.uk)

9630

**TEST CERTIFICATE****Test Results:-****BS7176:2007 + A1:2011 - Medium Hazard - Specification for resistance to ignition of upholstered furniture for non-domestic seating by testing composites**

"The following test results relate only to the ignitability of the combination 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."

| Sample Code   | UK2100915 -1   |                         |                        |                     |                                   |        |              |           |       |  |
|---|--|-------------------------|------------------------|---------------------|-----------------------------------|--------|--------------|-----------|-------|--|
| Sample Reference  | Agua Fabrics Primeira  |                         |                        |                     |                                   |        |              |           |       |  |
| Client  | Vyva Fabrics   |                         |                        |                     |                                   |        |              |           |       |  |
| Date of test  | 12/03/2021   |                         |                        |                     |                                   |        |              |           |       |  |
| Pre-Treatment   | BS 5852:2006 Annex E - Water soaking procedure<br>Line Dried during day at ambient temperature |                         |                        |                     |                                   |        |              |           |       |  |
| Filling Type  | Carpenter/RX36110 CMHR polyurethane foam of approximate density 36Kg/m3                        |                         |                        |                     |                                   |        |              |           |       |  |
| Size of test rig  | Large: Back - 450 x 450 ± 2mm + Seat - 450 x 300 ± 2mm   |                         |                        |                     |                                   |        |              |           |       |  |
| Test Conditions   | Period h   | Temperature °C          |                        | Relative humidity % |                                   |        | Air Flow m/s | Volume m³ |       |  |
| Conditioning of test specimens  | ≥24  | 23±2                    |                        | 50±5                |                                   |        | -            | -         |       |  |
| Testing conditions  | -  | 10-30                   |                        | 15-80               |                                   |        | 0.02-0.2     | ≥6        |       |  |
| Testing Source  | BS 5852:2006 Crib Ignition source 5  |                         |                        |                     |                                   |        |              |           |       |  |
| Testing time limit  | 10 minutes after ignition of crib. Observed for 60 minutes in total.                           |                         |                        |                     |                                   |        |              |           |       |  |
| Test No.  | Position   | Ignition/NI on Ignition | Duration of: (min.sec) |                     | Extent of Damage to component: mm |        |              |           |       |  |
|   |  |                         | Flames                 | Smoke               | Horizontal                        |        |              | Vertical  |       |  |
|   |  |                         |                        |                     | Width                             | Length | Depth        | Width     | Depth |  |
| 1   | M  | NI                      | 3.43                   | 7.57                | 127                               | 376    | 47           | 111       | 29    |  |
| 2   | M  | NI                      | 3.01                   | 8.18                | 127                               | 402    | 64           | 171       | 40    |  |
| RESULT:   |  | CRIB IGNITION SOURCE 5  |                        |                     |                                   |        |              | PASS      |       |  |
| KEY: I = Ignition, NI = Non Ignition, LHS = Left hand side, M = Middle, RHS = Right hand side |  |                         |                        |                     |                                   |        |              |           |       |  |

| Test No. | Time for: (sec)         |                 |            |
|----------|-------------------------|-----------------|------------|
|          | Ignition of test pieces | Cover Splitting | Extinction |
| 1        | -                       | -               | -          |
| 2        | -                       | -               | -          |

On behalf of Lancashire Testing Services :

Tony Alcock,  
Laboratory Technician:John Marsh,  
Laboratory Technician:  
Peter Collings,  
Operations Manager:

Please note that copies of this original certificate are not valid

**Issue Number: 1**

This report relates only to the sample tested and does not guarantee the bulk of the material to be of equal quality

Page 3 of 3

**LANCASHIRE TESTING SERVICES LIMITED**

Lyon Road Industrial Estate : Kearsley : Bolton

Lancashire : BL4 8NB

Tel: +44 (0) 1204 792858

Email: enquiries@ltslab.co.uk

**www.ltslab.co.uk**

9630

**TEST CERTIFICATE****Certificate Number: UK2100915-1**

If the measurement result plus/minus the expanded uncertainty with a 95 % coverage probability overlaps the limit, it is not possible to state compliance or non-compliance. The measurement result and the expanded uncertainty with a 95 % coverage probability will then be reported. The report will include the actual value with the uncertainty range.

Lancashire Testing Services Ltd have conducted thorough analysis of the uncertainty of all measurements carried out in the application of the standard or standards detailed in this report. Where possible any associated uncertainty of measurements have been accounted for in the working instructions, so that they have no impact on the reporting of the final result. In instances where uncertainty of measurements can only be taken into account after the test has been conducted, these uncertainty values have been stated on this report. The stated uncertainty of measurement has also been taken into account in the final reporting of the overall result.

**Issue Number: 1**

Please note that copies of this original certificate are not valid

This report relates only to the sample tested and does not guarantee the bulk of the material to be of equal quality