

**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>	Agua Fabrics Ltd Hyde House The Hyde London NW9 6LH -	<b>Certificate Number:</b>	<b>UK2200814 -1</b>
		<b>Date Received:</b>	09/06/2022
		<b>Date Issued:</b>	13/06/2022
		<b>Issue Number:</b>	<b>1</b>
		Changes made from previous issue (if applicable)	
<b>Contact:</b>	Suzanne Ralton		
<b>Tel:</b>	020820500050		
<b>Email:</b>	suzanne@aguafabrics.com		

**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	Entwine
Additional Names:	-
Batch Ref/Number:	-
Order Number:	-
Colour:	Charcoal
Fabric Composition:	100% PVC/Urethane Topcoat, Backing = 100% Viscose
Quality:	-

**Additional Information: (Annex)**

Name and address of sponsor:	-
Names and address of supplier/manufacture:	-
Type of Furniture:	-
Fabric Details: (Weave/Density/Yarn count/thickness (mm)/mass (g/m <sup>2</sup> ) colour & tone	-
Fire Retardant Treatment:	-

**SPECIFICATION**

IMO FTP CODE 2010 Annex 1 Part 8 - Test for upholstered furniture

**TEST METHOD**

Flammability:	IMO FTP CODE 2010 - Annex 1 - Part 8 - Test for upholstered furniture
Pre-treatment:	None Required

**Conclusion**

The sample tested: **Complies** with the flammability requirements of:  
IMO FTP Code 2010 - Annex 1 - Part 8 - Test for upholstered furniture, taking into account uncertainty of measurement, when tested as suggested in appendix 3 of the IMO FTP Code 2010 over a non-flame-retardant filling (RP21130)

Uncertainty of Measurement: ±1 second - timing measurements, ±1mm - dimensional measurements

**Comments:**

**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:-****IMO FTP Code 2010 - Part 8 - Test for upholstered furniture**

"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."

Sample Code			UK2200814 -1						
Sample Name / Reference			Entwine						
Client			Agua Fabrics Ltd						
Date of test			13/06/2022						
Pre-Treatment			None Required -						
Filling Type			Carpenter/RP21130 unmodified polyurethane foam of density 20-22Kg/m <sup>3</sup> /Type B, 130						
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 m <sup>3</sup>
Conditioning of test specimens			≥16	23±2		50±5		≤0.2	-
Testing conditions			-	20±5		20-70		0.05	≥6
Testing Source			Smouldering Cigarette Source						
Cigarette Specification			Length = 70±4mm, Diameter = 8±0.5mm, mass = 0.95 ±0.15g, Smouldering rate = 11±4.0 min/50mm						
Testing time limit			60 minutes after placement of smouldering cigarette.						
Test No.	Position	Ignition/N on Ignition	Duration of: (min.sec)			Extent of Damage:			
			Ignition Source	Flames	Smoke	Base: Length (mm)	Base: Width (mm)	Back: Length (mm)	Back Width (mm)
1	RHS	NI	30.35	-	32.08	85	12	84	16
2	M	NI	31.38	-	33.02	82	11	85	17
Testing Source			Propane Flame Ignition Source / Butane ignition source						
Testing time limit			2 minutes after removal of burner tube (120 seconds)						
Test No.	Position	Ignition/N on Ignition	Duration of: (min.sec)			Extent of Damage:			
			Ignition Source	Flames	Smoke	Base: Length (mm)	Base: Width (mm)	Back: Length (mm)	Back Width (mm)
1	M	NI	20	0	13	4	7	138	23
2	LHS	NI	20	0	15	9	7	134	21
RESULT:			SMOULDERING CIGARETTE SOURCE					PASS	
			PROPANE/BUTANE FLAME IGNITION SOURCE					PASS	
KEY: I = Ignition, NI = Non Ignition, LHS = Left hand side, M = Middle, RHS = Right hand side									

Craig Allardice Laboratory Technician	Tony Alcock Laboratory Technician	John Marsh Laboratory Supervisor	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

**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: UK2200814-1****Date of Issue: 13/06/2022****Decision Rule:**

Lancashire Testing Services have measurement uncertainties for all test standards (available on request) and have applied these measurements to the test result.

The specific level of risk is < 2.5% as stated in ILAC-G8:09/2019. Unless otherwise indicated L.T.S will apply this rule to all measurements reported.

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.

Information provided about a customer, from a source other than the customer, shall only be shared with the customer. The provider of the information shall remain confidential to the laboratory unless agreed by the source of the information.

**Issue Number: 1**

Please note that copies of this original certificate are not valid