

**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)

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**TEST CERTIFICATE**

<b>CLIENT:</b>	Agua Fabrics Ltd Hyde House The Hyde London NW9 6LH -	<b>Certificate Number:</b>	<b>UK2000778-1</b>
		<b>Date Received:</b>	11/09/2020
		<b>Date Issued:</b>	21/09/2020
		<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	Agua Pearl
Additional Names:	-
Batch Ref/Number:	-
Order Number:	-
Colour:	-
Fabric Composition:	100% Polyester
Customer:	Agua Fabrics Ltd

**SPECIFICATION**

Schedule 4 part I &amp; 5 part I of the Furniture &amp; Furnishings (Fire)(Safety) Regulations 1988 (as amended 1989,1993 and 2010)

**TEST METHOD**

Flammability:	BS5852:- Part 1:1979:Smouldering Cigarette Source Part 1:1979: Butane Flame Ignition Source 1
Pre-treatment:	BS5651:1978: Clause 4 Water soak, as amended by the Furniture & Furnishings (Fire)(Safety) Regulations 1988 (as amended 1989, 1993, 2010)

**Conclusion**

The sample tested: **Complies** with the flammability requirements of:  
BS5852:Pt1:1979 cigarette source and butane ignition source 1 in accordance with the modifications stated in Schedule 4 part I & Schedule 5 part I of the Furniture & Furnishings (Fire)(Safety) Regulations 1988 (as amended 1989,1993 and 2010), taking into account uncertainty of measurement.

Uncertainty of Measurement:  $\pm 1$  second - timing measurements,  $\pm 1$ mm - dimensional measurements**Comments:**

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**TEST CERTIFICATE****Test Results:-****BS5852:Part1:1979: Smouldering Cigarette Source and Butane Flame Ignition Source 1****Ignitability by smokers' materials of upholstered composites for seating**

"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	UK2000778 -1							
Sample Name / Reference	Agua Pearl							
Client	Agua Fabrics Ltd							
Date of test	21/09/2020							
Pre-Treatment	BS5651:1978: Clause 4 Water soak, as amended by the Furniture & Furnishings (Fire)(Safety) Regulations 1988 (as amended 1989, 1993, 2010) Line Dried during day at ambient temperature							
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	15-25	50±20	≤0.2	-			
Testing conditions	-	15-30	20-70	0.05	≥6			
Testing Source	Smouldering Cigarette Source							
Testing time limit	60 minutes after placement of smouldering cigarette.							
Test No.	Position	Ignition/N on Ignition	Duration of: (min.sec)			Time for: (sec)		
			Ignition Source	Flames	Smoke	Ignition of Test	Cover Splitting	Extinction
1	LHS	NI	20.54	-	22.29	-	-	-
2	M	NI	23.21	-	25.36	-	-	-
Testing Source	Butane Flame Ignition Source 1							
Testing time limit	2 minutes after removal of burner tube (120 seconds)							
Test No.	Position	Ignition/N on Ignition	Duration of: (sec)			Time for: (sec)		
			Ignition Source	Flames	Smoke	Ignition of Test pieces	Cover Splitting	Extinction
1	M	NI	20	20	36	-	-	-
2	RHS	NI	20	20	35	-	-	-
<b>RESULT:</b>	<b>SMOULDERING CIGARETTE SOURCE</b>					<b>PASS</b>		
	<b>BUTANE FLAME IGNITION SOURCE 1</b>					<b>PASS</b>		
KEY: I = Ignition, NI = Non Ignition, LHS = Left hand side, M = Middle, RHS = Right hand side								

On behalf of Lancashire Testing Services :

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

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**Issue Number: 1**



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**Certificate Number: UK2000778-1**

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**

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