

**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

CLIENT:	Agua Fabrics Ltd Hyde House The Hyde London NW9 6LH -	Certificate Number:	UK2100491 -1
		Date Received:	23/04/2021
		Date Issued:	27/04/2021
		Issue Number:	1
		Changes from previous issue (if applicable)	
Contact:	Suzanne Ralton		
Tel:	020820500050		
Email:	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 Finezza

Additional Names: -

Batch Ref/Number: -

Order Number: -

Colour: -

Fabric Composition: 100% Polyester

Customer: Agua Fabrics Ltd

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 equivalent
BS 5852:2006 Crib Ignition source 5

Pre-treatment: 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: ± 1 second - timing measurements, ± 1 mm - dimensional measurements**Comments:**

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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		UK2100491 -1				
Sample / Name Reference		Agua Finezza				
Client		Agua Fabrics Ltd				
Date of test		27/04/2021				
Pre-Treatment		BS 5852:2006 Annex E - Water soaking procedure 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 m ³
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	LHS	NI	21.34	-	21.59	-
2	M	NI	21.31	-	21.54	-
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	LHS	NI	15	15	21	-
2	M	NI	15	15	23	-
3	RHS	NI	15	15	25	-
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						

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

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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."*

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Sample Reference		Agua Finezza								
Client		Agua Fabrics Ltd								
Date of test		27/04/2021								
Pre-Treatment		BS 5852:2006 Annex E - Water soaking procedure 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 m ³	
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/N on Ignition	Duration of: (min.sec)		Extent of Damage to component: mm					
			Flames	Smoke	Horizontal			Vertical		
					Width	Length	Depth	Width	Depth	
1	M	NI	5.16	7.17	169	121	49	180	55	
2	M	NI	4.26	7.44	169	125	51	176	54	
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:

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TEST CERTIFICATE**Certificate Number: UK2100491-1**

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.

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