

**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



TEST CERTIFICATE

CLIENT:	Agua Fabrics Ltd Hyde House The Hyde London NW9 6LH -	Certificate Number:	UK1900316 -2
		Date Received:	29/03/2019
		Date Issued:	04/04/2019
		Issue Number:	1
Contact:	Suzanne Ralton	Changes from previous issue (if applicable)	
Tel:	020820500050		
Email:	suzanne@aguafabrics.com		

<u>SAMPLE IDENTIFICATION</u>	
Sample Name / Reference:	Alfresco
Order / Batch No:	-
Customer:	Agua Fabrics Ltd
Fabric Composition:	Polyester/Acrylic
Colour:	-
Quality:	-
Width:	-

<u>SPECIFICATION</u>	
BS7176:2007 + A1:2011 - Medium Hazard	
<u>TEST METHOD</u>	
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

<u>Conclusion</u>	
The composite tested:	Complies with the flammability requirements of: BS 7176:2007 + A1:2011 Medium hazard, taking into account uncertainty of measurement.
Comments:	All cigarettes did not burn to completion

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Test Results:-
BS7176:2007 + A1:2001 - 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		UK1900316 -2				
Sample / Name Reference		Alfresco				
Client		Agua Fabrics Ltd				
Date of test		04/04/2019				
Pre-Treatment		BS 5852:2006 Annex E - Water soaking procedure Line Dried during 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		≥16	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/ Non Ignition	Duration of: (min.sec)			Smouldering and flaming criteria exceeded: (If any)
			Ignition Source	Flames	Smoke	
1	RHS	NI	5.36	-	-	-
2	M	NI	5.49	-	-	-
3	LHS	NI	6.10	-	-	-
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/ Non Ignition	Duration of: (sec)			Smouldering and flaming criteria exceeded: (If any)
			Ignition Source	Flames	Smoke	
1	RHS	NI	15	17	33	-
2	M	NI	15	15	33	-
3	LHS	NI	15	16	37	-
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 + A1:2001 - 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	UK1900316 -2									
Sample Reference	Alfresco									
Client	Agua Fabrics Ltd									
Date of test	04/04/2019									
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	≥16	0.0	0.0	-	-					
Testing conditions	-	10-30	15-80	0.02-0.2	>20					
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/ Non Ignition	Duration of: (min.sec)		Extent of Damage to component: mm					
			Flames	Smoke	Horizontal			Vertical		
					Width	Length	Depth	Width	Depth	
1	M	NI	6.04	8.58	169	138	44	183	55	
2	M	NI	6.23	9.47	175	139	48	185	64	
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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