

**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:	UK2000207 -4
		Date Received:	20/02/2020
		Date Issued:	25/02/2020
		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:	Agua Aries
Order / Batch No:	-
Customer:	Agua Fabrics Ltd
Fabric Composition:	65% PVC, 35% Cotton
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:	None Requested

<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

Please note that copies of this original certificate are not valid



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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						
<i>"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."</i>						
Sample Code	UK2000207 -4					
Sample / Name Reference	Agua Aries					
Client	Agua Fabrics Ltd					
Date of test	25/02/2020					
Pre-Treatment	None Requested - 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	>20	
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	3.37	-	-	-
2	M	NI	3.47	-	-	-
3	RHS	NI	3.31	-	-	-
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	16	23	-
2	M	NI	15	16	24	-
3	RHS	NI	15	16	23	-
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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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

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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	UK2000207 -4									
Sample Reference	Agua Aries									
Client	Agua Fabrics Ltd									
Date of test	25/02/2020									
Pre-Treatment	None Requested									
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	23±2	50±5	-	-					
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/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	4.41	11.08	90	68	24	92	26	
2	M	NI	3.22	12.14	54	43	19	82	24	
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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Issue Number: 1

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