



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:	UK1900498 -1
		Date Received:	16/05/2019
		Date Issued:	29/05/2019
		Issue Number:	1
Contact:	Suzanne Ralton	Changes from previous issue (if applicable)	
Tel:	020820500050	_____	
Email:	suzanne@aguafabrics.com	_____	

SAMPLE IDENTIFICATION	
Sample Name / Reference:	Agua Tierra
Order / Batch No:	-
Customer:	Agua Fabrics
Fabric Composition:	-
Colour:	-
Quality:	-
Width:	-

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:	None Requested by customer

Conclusion	
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	UK1900498 -1					
Sample / Name Reference	Agua Tierra					
Client	Agua Fabrics Ltd					
Date of test	29/05/2019					
Pre-Treatment	None Requested by customer					
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/NI on Ignition	Duration of: (min.sec)			Smouldering and flaming criteria exceeded: (If any)
			Ignition Source	Flames	Smoke	
1	RHS	NI	4.15	-	-	-
2	M	NI	4.26	-	-	-
3	LHS	NI	3.11	-	-	-
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/NI on Ignition	Duration of: (sec)			Smouldering and flaming criteria exceeded: (If any)
			Ignition Source	Flames	Smoke	
1	RHS	NI	15	15	27	-
2	M	NI	15	15	28	-
3	LHS	NI	15	15	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."

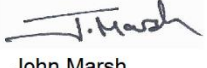
Sample Code		UK1900498 -1								
Sample Reference		Agua Tierra								
Client		Agua Fabrics Ltd								
Date of test		29/05/2019								
Pre-Treatment		None Requested by customer								
Filling Type		Carpenter/RX36110 CMHR polyurethane foam of approximate density 36Kg/m3								
Size of test rig		Large: 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	5.56	11.48	115	90	28	109	34	
2	M	NI	4.38	10.25	120	112	38	141	39	
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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