



**LANCASHIRE TESTING SERVICES LIMITED**

Lyon Road Industrial Estate : Kearsley : Bolton

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Tel: +44 (0) 1204 792858

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# TEST CERTIFICATE

<b>CLIENT:</b>	Agua Fabrics Ltd Hyde House The Hyde London NW9 6LH -	<b>Certificate Number:</b>	<b>UK1900492 -1</b>
		<b>Date Received:</b>	16/05/2019
		<b>Date Issued:</b>	21/05/2019
		<b>Issue Number:</b>	1
<b>Contact:</b>	Suzanne Ralton	Changes from previous issue (if applicable)	
<b>Tel:</b>	020820500050		
<b>Email:</b>	suzanne@aguafabrics.com		

<b>SAMPLE IDENTIFICATION</b>	
Sample Name / Reference:	Agua 7 Collection
Order / Batch No:	-
Customer:	Agua
Fabric Composition:	-
Colour:	-
Quality:	-
Width:	-

<b>SPECIFICATION</b>	
BS7176:2007 + A1:2011 - High Hazard	
<b>TEST METHOD</b>	
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 7
Pre-treatment:	BS 5852:2006 Annex E - Water soaking procedure

<b>Conclusion</b>	
The composite tested:	<b>Complies</b> with the flammability requirements of:
BS 7176:2007 + A1:2011 High hazard, taking into account uncertainty of measurement.	

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**TEST CERTIFICATE****Test Results:-****BS7176:2007 + A1:2001 - High 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	UK1900492 -1					
Sample Name / Reference	Agua 7 Collection					
Client	Agua Fabrics Ltd					
Date of test	21/05/2019					
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 <sup>3</sup>	
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	13.27	-	13.45	-
2	M	NI	13.33	-	13.59	-
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	16	33	-
2	M	NI	15	16	32	-
3	RHS	NI	15	15	31	-
<b>RESULT:</b>	<b>SMOULDERING CIGARETTE SOURCE</b>				<b>PASS</b>	
	<b>MATCH FLAME IGNITION SOURCE</b>				<b>PASS</b>	
KEY: I = Ignition, NI = Non Ignition, LHS = Left hand side, M = Middle, RHS = Right hand side						

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**TEST CERTIFICATE****Test Results:-****BS7176:2007 + A1:2001 - High 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	UK1900492 -1									
Sample Reference	Agua 7 Collection									
Client	Agua Fabrics Ltd									
Date of test	21/05/2019									
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	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 <sup>3</sup>					
Conditioning of test specimens	≥16	23±2	50±5	-	-					
Testing conditions	-	10-30	15-80	0.02-0.2	>6					
Testing Source	BS 5852:2006 Crib Ignition source 7									
Testing time limit	13 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	8.07	15.33	180	165	72	170	73	
2	M	NI	9.06	16.17	201	173	72	186	71	
<b>RESULT:</b>		<b>CRIB IGNITION SOURCE 7</b>					<b>PASS</b>			
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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