



**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](http://www.ltslab.co.uk)



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**TEST CERTIFICATE**

<b>CLIENT:</b>	Agua Fabrics Ltd Hyde House The Hyde London NW9 6LH -	<b>Certificate Number:</b>	<b>UK2001157 -1</b>
		<b>Date Received:</b>	14/12/2020
		<b>Date Issued:</b>	18/12/2020
		<b>Issue Number:</b>	<b>1</b>
		Changes made from previous issue (if applicable)	
<b>Contact:</b>	Suzanne Ralton		
<b>Tel:</b>	020820500050		
<b>Email:</b>	suzanne@aguafabrics.com		

<b>SAMPLE IDENTIFICATION</b>	
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	Carmina
Additional Names:	-
Batch Ref/Number:	-
Order Number:	5220CARM
Colour:	-
Fabric Composition:	-
Quality:	-

<b>Additional Information: (Annex)</b>	
Name and address of sponsor:	-
Names and address of supplier/manufacturer:	-
Type of Furniture:	-
Fabric Details: (Weave/Density/Yarn count/thickness (mm)/mass (g/m <sup>2</sup> ) colour & tone	-
Fire Retardant Treatment:	-

<b>SPECIFICATION</b>	
IMO FTP CODE 2010 Annex 1 Part 8 - Test for upholstered furniture	
<b>TEST METHOD</b>	
Flammability:	IMO FTP CODE 2010 - Annex 1 - Part 8 - Test for upholstered furniture
Pre-treatment:	None Required

<b>Conclusion</b>	
The sample tested:	<b>Complies</b> with the flammability requirements of: IMO FTP Code 2010 - Annex 1 - Part 8 - Test for upholstered furniture, taking into account uncertainty of measurement, when tested as suggested in appendix 3 of the IMO FTP Code 2010 over a non-flame-retardant filling (RP21130)
Uncertainty of Measurement: ±1 second - timing measurements, ±1mm - dimensional measurements	
<b>Comments:</b> One cigarette did not burn to completion	

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**TEST CERTIFICATE****Test Results:-****IMO FTP Code 2010 - Part 8 - Test for upholstered furniture**

"The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use."

Sample Code	UK2001157 -1								
Sample Name / Reference	Carmina								
Client	Agua Fabrics Ltd								
Date of test	18/12/2020								
Pre-Treatment	None Required								
Filling Type	Carpenter/RP21130 unmodified polyurethane foam of density 20-22Kg/m <sup>3</sup> /Type B, 130								
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	≤0.2	-				
Testing conditions	-	20±5	20-70	0.03	≥6				
Testing Source	Smouldering Cigarette Source								
Cigarette Specification	Length = 70±4mm, Diameter = 8±0.5mm, mass = 0.95 ±0.15g, Smouldering rate = 11±4.0 min/50mm								
Testing time limit	60 minutes after placement of smouldering cigarette.								
Test No.	Position	Ignition/N on Ignition	Duration of: (min.sec)			Extent of Damage:			
			Ignition Source	Flames	Smoke	Base: Length (mm)	Base: Width (mm)	Back: Length (mm)	Back Width (mm)
1	RHS	NI	4.56	-	4.56	28	8	28	7
2	M	NI	26.47	-	27.37	57	8	56	8
Testing Source	Propane Flame Ignition Source / Butane ignition source								
Testing time limit	2 minutes after removal of burner tube (120 seconds)								
Test No.	Position	Ignition/N on Ignition	Duration of: (min.sec)			Extent of Damage:			
			Ignition Source	Flames	Smoke	Base: Length (mm)	Base: Width (mm)	Back: Length (mm)	Back Width (mm)
1	M	NI	20	50	71	18	17	9	11
2	LHS	NI	20	52	69	16	16	10	11
<b>RESULT:</b>	<b>SMOULDERING CIGARETTE SOURCE</b>					<b>PASS</b>			
	<b>PROPANE/BUTANE FLAME IGNITION SOURCE</b>					<b>PASS</b>			
KEY: I = Ignition, NI = Non Ignition, LHS = Left hand side, M = Middle, RHS = Right hand side									

On behalf of Lancashire Testing Services :

Tony Alcock,  
Laboratory Technician:John Marsh,  
Laboratory Technician:
  
Peter Collings,  
Operations Manager:

Please note that copies of this original certificate are not valid

**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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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.

**Issue Number: 1**

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