

**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:	Supplied by: Vyva Fabrics TT. Vasumweg 140 1033 SH Amsterdam The Netherlands	Certificate Number:	UK1800424 -4
		Date Received:	25/06/2018
		Date Issued:	29/06/2018
		Issue Number:	1
		Changes from previous issue (if applicable)	
Tel:	+31 (0) 20 659 9523		
Email:	info@vyvafabrics.nl		

SAMPLE IDENTIFICATION

Sample Name / Reference:	Agua Fabrics Nova
Order / Batch No:	-
Customer:	Vyva Fabrics
Fabric Composition:	100% Polyester
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:	BS 5852:2006 Annex E - Water soaking procedure

Conclusion

The composite tested: **Complies** with the flammability requirements of:
BS 7176:2007 + A1:2011 Medium hazard, taking into account uncertainty of measurement.

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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		UK1800424 -4					
Sample / Name Reference		Agua Fabrics Nova					
Client		Vyva Fabrics					
Date of test		29/06/2018					
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	>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	RHS	NI	25.31	-	28.19	-	
2	M	NI	28.41	-	32.19	-	
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	RHS	NI	15	20	28	-	
2	M	NI	15	20	28	-	
3	LHS	NI	15	20	32	-	
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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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	UK1800424 -4								
Sample Reference	Agua Fabrics Nova								
Client	Vyva Fabrics								
Date of test	29/06/2018								
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 m³				
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	4.50	9.42	105	102	38	112	45
2	M	NI	3.28	10.39	110	98	36	126	52
RESULT:		CRIB IGNITION SOURCE 5						PASS	
KEY: I = Ignition, NI = Non Ignition, LHS = Left hand side, M = Middle, RHS = Right hand side									

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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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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