

**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

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TEST CERTIFICATE

CLIENT:	Supplied by: Vyva Fabrics TT. Vasumweg 140 1033 SH Amsterdam The Netherlands	Certificate Number:	UK2000779 -1
		Date Received:	11/09/2020
		Date Issued:	21/09/2020
		Issue Number:	1
		Changes from previous issue (if applicable)	
Tel:	+31 (0) 20 659 9523		
Email:	info@vyvafabrics.nl		

SAMPLE IDENTIFICATION

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 Aqua Fabrics Pearl

Additional Names: -

Batch Ref/Number: -

Order Number: -

Colour: -

Fabric Composition: 100% Polyester

Customer: Vyva Fabrics

SPECIFICATION

BS7176:2007 + A1:2011 - Medium Hazard

TEST METHODFlammability: 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

ConclusionThe composite tested: **Complies** with the flammability requirements of:
BS 7176:2007 + A1:2011 Medium hazard, taking into account uncertainty of measurement.Uncertainty of Measurement: ± 1 second - timing measurements, ± 1 mm - dimensional measurements**Comments:**

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TEST CERTIFICATE**Test Results:-****BS7176:2007 + A1:2011 - 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			UK2000779 -1				
Sample / Name Reference			Agua Fabrics Pearl				
Client			Vyva Fabrics				
Date of test			21/09/2020				
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			Small: Back - 450 x 300 ± 2mm + Seat - 450 x 150 ± 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	>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/N on Ignition	Duration of: (min.sec)			Smouldering and flaming criteria exceeded: (If any)	
			Ignition Source	Flames	Smoke		
1	RHS	NI	24.11	-	25.57	-	
2	M	NI	25.06	-	26.46	-	
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	15	41	-	
2	M	NI	15	15	36	-	
3	LHS	NI	15	15	38	-	
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 + A1:2011 - 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	UK2000779 -1								
Sample Reference	Agua Fabrics Pearl								
Client	Vyva Fabrics								
Date of test	21/09/2020								
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	≥6				
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	5.16	8.39	205	122	29	213	68
2	M	NI	4.27	9.11	220	116	42	227	51
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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TEST CERTIFICATE**Certificate Number: UK2000779-1**

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: 0



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