

**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:	I Want Fabric Unit 5 Bute Street Salford Manchester M50 1DU	Certificate Number:	UK2300108
Contact:	I Want Fabric	Date Received:	19/01/2023
Tel:	01619250333	Date Issued:	25/01/2023
Email:	info@iwantfabric.com	Issue Number:	1
		Changes from previous issue (if applicable)	

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:	Teddy
Additional Names:	-
Batch Ref/Number:	0423TEDD
Order Number:	-
Colour:	-
Fabric Composition:	100% Polyester
Customer	-
Fabric type	CHENILLE YARN

BS EN ISO 139:2005 +A1:2011

Standard Atmosphere for conditioning and testing

	Period hr:min	Temperature °C	Relative humidity %
Conditioning of test specimens	73:05	20±2	65±4
Testing conditions	-	20±2	65±4

Tests performed:

BS EN ISO 13934-1:2013 Determination of maximum force + elongation at max force using the strip method	<input checked="" type="checkbox"/>
BS EN ISO 13937-3:2000 Determination of tear force of wing shaped test specimens	<input checked="" type="checkbox"/>
BS EN ISO 13936-2:2004 Determination of the slippage resistance of yarns at a seam	<input checked="" type="checkbox"/>
BS EN ISO 105-X 12:2016 Colour fastness to rubbing	<input checked="" type="checkbox"/>
BS EN ISO 105-E01:2013 Colour fastness to water	<input checked="" type="checkbox"/>
BS EN ISO 105-B02:2014 Colour fastness to artificial light	<input checked="" type="checkbox"/>
BS EN ISO 12945-2:2020 Determination of fabric propensity to surface pilling, fuzzing or matting	<input checked="" type="checkbox"/>
BS EN ISO 12947-2:2016 Determination of the abrasion resistance of fabrics by the martindale method	<input checked="" type="checkbox"/>
BS EN ISO 13934-2:2014 Determination of maximum force using the grab method	<input type="checkbox"/>

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Textiles - Tensile Properties of Fabrics

Pt 1: Determination of Maximum force and elongation at maximum force using the strip method

Number of specimens tested in warp and weft direction:	5 ea
State of test specimen:	Dry
Guage Length:	200mm
Rate of elongation:	100mm/min
Pretension:	10N

	Warp	Weft
Force at Peak (N)	1565	367
Elongation at Peak (mm)	76	43

Uncertainty of measurement = 2%

BS EN ISO 13937-3 2000

Textiles - Tear properties of Fabrics

Pt 3: Determination of tear force of wing-shaped test specimens (single tear method)

No of Test Specimens in Warp and Weft:	5 ea
----------------------------------------	------

Observations:

-

^Mean Values are calculated Electronically

	Warp	Weft
Mean Force (N)^	103	69

Uncertainty of measurement = 2%

BS EN ISO 13936-2 2004

Textiles- Determination of the slippage resistance of yarns at a seam in woven fabrics

Part 2: Fixed load method

Max Force Applied:	180 N
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Observations:

-

Mean Warp slippage* (mm)	Mean Weft slippage* (mm)
2	3

Uncertainty of measurement = 2%

BS EN ISO 105-X12:2016

Textiles - Tests for colour fastness - Part X12:Colour fastness to rubbing

Crockmaster used:	1
Downward force applied	9 ± 0.2 N
Rubbing finger diameter	16 ± 0.1 mm

^Wet rub performed using 65±5% soak

Dry rub fastness		Wet rub fastness^	
Warp	Weft	Warp	Weft
5	5	5	5

Uncertainty of measurement = ±1/2 grade

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Textiles - Tests for colour fastness - Part E01: Colour fastness to water

Grey Scale (ISO 105-A02:1993)

Change in Colour of specimen:**5**

Greyscale (ISO 105-A03:1993)

Staining:

Diacetate

5

Bleached Cotton

5

Polyamide

5

Polyester

5

Acrylic

5

Wool

5**Comments:**

-

Uncertainty of Measurement: $\pm 1/2$ Grade**BS EN ISO 105-B02:2014**

Textiles-Tests for colour fastness - Part E01: Colour fastness to Artificial Light

Test Method used

2

Exposure Cycle used

A1

Relative Humidity

40%

Shade Change

4/5

Required Performance Level**5****Achieved Performance Level****5****Comments:**

-

Uncertainty of Measurement: $\pm 1/2$ Grade**BS EN ISO 12945-2:2020**

Textiles - Determination of fabric propensity to surface pilling, fuzzing and matting.

Pt 2: Modified Martindale method

Test Specimens: 3	No of Observers: 2		Abradant used: Martindale Abrasive Cloth SM25			
Martindale: 2	Loading weight: 415g					
No. of rubs	125	500	1000	2000[^]	5000	7000
Pilling	5	5	5	5	5	5
Fuzzing	5	5	4.5	4.5	4.5	4.5
Matting	5	5	5	5	5	5
Comments:	Samples were also observed along the plain of the surface at 2k rubs.					

[^]Assessment of samples were carried out using BS EN ISO 12945-4:2020Uncertainty of measurement = $\pm 1/2$ grade**Issue Number: 1**

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BS EN ISO 12947-2:2016

Textiles - Determination of the abrasion resistance of fabrics by the Martindale Method

Part 2: Determination of specimen breakdown

Nominal Pressure used: 12kPa.	Mass of load used: 795±7g	Foam used: No
End point Criteria: Fully worn area	Colour Change assessment at 6k rubs:	N/A

Specimen 1	20000
Specimen 2	20000
Specimen 3	20000

Overall Abrasion Resistance Result:	
>20000	Without Reaching Endpoint

Comments/Observations:

-

Uncertainty of measurement = 10%

Craig Allardice Laboratory Technician	Tony Alcock Laboratory Technician	John Marsh Laboratory Supervisor	Peter Collings Operations Manager

Decision Rule:

Lancashire Testing Services have measurement uncertainties for all test standards (available on request) and have applied these measurements to the test result.

The specific level of risk is < 2.5% as stated in ILAC-G8:09/2019. Unless otherwise indicated L.T.S will apply this rule to all measurements reported.

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.

Information provided about a customer, from a source other than the customer, shall only be shared with the customer. The provider of the information shall remain confidential to the laboratory unless agreed by the source of the information.

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