

**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)

9630

# TEST CERTIFICATE

<b>CLIENT:</b>	KBT Limited 132 Saltley Rd Birmingham B7 4TH	<b>Certificate Number:</b>	<b>UK1900831-1</b>
<b>Contact:</b>		<b>Date Received:</b>	30/08/2019
<b>Tel:</b>		<b>Date Issued:</b>	06/09/2019
<b>Email:</b>		<b>Issue Number:</b>	1
		Changes from previous issue (if applicable)	

<b>SAMPLE IDENTIFICATION</b>	
Sample Name / Reference:	Monaco
Order / Batch No:	175151
Customer:	-
Fabric Composition:	-
Colour:	-
Quality:	-
Width:	-
Fabric type: As per BS EN ISO 12947-2:2016 CUT PILE	

<b>Test Results:</b>	<b>BS EN ISO 12947-2:2016</b>			
Textiles - Determination of the abrasion resistance of fabrics by the Martindale Method				
Part 2: Determination of specimen breakdown				
Test Conditions	Period h	Temperature °C	Relative humidity %	
Conditioning of test specimens	≥18	20±2	65±4	
Testing conditions	-	20±2	65±4	
<b>Upholstery - Martindale Abrasion - 12KPa load</b>				
<b>Sample</b>	<b>Head 1</b>	<b>Head 2</b>	<b>Head 3</b>	<b>Abrasion Resistance Result:</b>
UK1900831-1	80000	80000	80000	Reached End Point
<b>Specimen breakdown observed?</b>				<b>YES</b>

On behalf of Lancashire Testing Services :		
Tony Alcock, Laboratory Technician:	 John Marsh, Laboratory Technician:	 Peter Collings, Operations Manager:

**Issue Number: 1**

Please note that copies of this original certificate are not valid

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**

<b>CLIENT:</b> KBT Limited 132 Saltley Rd Birmingham B7 4TH  -	<b>Certificate Number</b> <b>UK1900831-2</b>
<b>Contact:</b>	<b>Date Received:</b> 30/08/2019
<b>Tel:</b>	<b>Date Issued:</b> 06/09/2019
<b>Email:</b>	<b>Issue Number:</b> 1 Changes from previous issue (if applicable)

**SAMPLE IDENTIFICATION**

Sample Name / Reference:	Monaco
Order / Batch No:	175151
Customer:	-
Fabric Composition:	-
Colour:	-
Quality:	-
Width:	-
Fabric type	Cut Pile
End Use	Upholstery

**Test Results:****BS EN ISO 12945-2:2000**

Textiles - Determination of fabric propensity to surface fuzzing and to pilling

Part 2: Modified Martindale method

Test Conditions	Period h	Temperature °C	Relative humidity %
Conditioning of test specimens	74	20±2	65±4
Testing conditions	-	20±2	65±4

Upholstery	Loading weight 415			
No. of rubs	500	1000	2000	5000
Grade	4/5	4/5	4/5	4/5

**Comments:**

On behalf of Lancashire Testing Services :

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

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**Issue Number: 1**

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**TEST CERTIFICATE**

<b>CLIENT:</b>	KBT Limited 132 Saltley Rd Birmingham B7 4TH	<b>Certificate Number</b>	<b>UK1900831-3</b>
	-	<b>Date Received:</b>	30/08/2019
	-	<b>Date Issued:</b>	02/09/2019
<b>Contact:</b>		<b>Issue Number:</b>	1
<b>Tel:</b>		Changes from previous issue (if applicable)	
<b>Email:</b>		_____	

<b>SAMPLE IDENTIFICATION</b>	
Sample Name / Reference:	Monaco
Order / Batch No:	175151
Customer:	-
Fabric Composition:	-
Colour:	-
Quality:	-
Width:	-

<b>Test Results:</b>			
<b>BS EN ISO 13936-2 2004</b>			
Textiles- Determination of the slippage resistance of yarns at a seam in woven fabrics			
Part 2: Fixed load method			
Test Conditions	Period h	Temperature °C	Relative humidity %
Conditioning of test specimens	≥24	20±2	65±4
Testing conditions	-	20±2	65±4
		<b>Mean Warp slippage (mm) (Manually)</b>	<b>Mean Weft slippage (mm) (Manually)</b>
<b>Result:</b>	UK1900831-3	=	1

On behalf of Lancashire Testing Services :

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

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**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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# TEST CERTIFICATE

<b>CLIENT:</b>	KBT Limited 132 Saltley Rd Birmingham B7 4TH	<b>Certificate Number</b>	<b>UK1900831-4</b>
		<b>Date Received:</b>	30/08/2019
		<b>Date Issued:</b>	02/09/2019
		<b>Issue Number:</b>	1
<b>Contact:</b>		Changes from previous issue (if applicable)	
<b>Tel:</b>		_____	
<b>Email:</b>		_____	

**SAMPLE IDENTIFICATION**

Sample Name/ Reference:	Monaco
Order / Batch No:	175151
Customer:	-
Fabric Composition:	-
Colour:	-
Quality:	-
Width:	-

**Test Results:**  
**BS EN ISO 105-X12:2016**  
 Textiles - Tests for colour fastness - Part X12:Colour fastness to rubbing

Test Conditions	Period h	Temperature °C	Relative humidity %
Conditioning of test specimens	≥4	20±2	65±4
Testing conditions	-	20±2	65±4

  

Dry rub fastness		Wet rub fastness	
Warp	Weft	Warp	Weft
4/5	4/5	4	4

On behalf of Lancashire Testing Services :

Tony Alcock, Laboratory Technician:	 John Marsh, Laboratory Technician:	 Peter Collings, Operations Manager:
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**Issue Number: 1**