

TEST REPORT

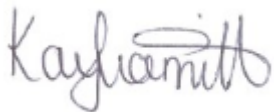
Report Ref.:	LEI17103351A Original		
Date Received:	18/10/2017	Date Issued:	20/10/2017

Company Name & Address:	Fashion Formula Ltd Drakeglen House, 35-36 Disraeli Rd London, NW10 7AX GBR
Contact Name:	Alex

Sample Description:	Panama
Colour:	Printed
Supplier:	Fashion formula
Quoted Fibre Composition:	100%Cotton

Test	Method	Sample	Result
Colour Fastness to Washing	BS EN ISO 105 C06: 2010	Pink/Black/White/ Dk Green	Not Applicable
Colour Fastness to Rubbing - Dry	BS EN ISO 105 X12: 2016	All Colours	Not Applicable
Colour Fastness to Rubbing - Wet	BS EN ISO 105 X12: 2016	All Colours	Not Applicable
Martindale Abrasion Resistance	BS EN ISO 12947-2: 2016		Not Applicable
Colour Fastness to Washing	BS EN ISO 105 C06: 2010	Navy/Green/Blue/ Brown/Lilac/Gold	Not Applicable

Tests marked (^) in this report have been performed by an approved 3rd party laboratory.
Tests marked (*) in this report are not included in our UKAS scope of accreditation.



Kayleigh Hamilton
(Jobsheet Technician)

Colour Fastness to Washing BS EN ISO 105 C06: 2010
Sample: Pink/Black/White/Dk Green

	Result	Requirement
Colour Change	4 - 5	
Colour Staining		
Acetate	4 - 5	
Cotton	5	
Nylon	4 - 5	
Polyester	5	
Acrylic	5	
Wool	4 - 5	
30°C (Modified)		

Overall Test Result: Not Applicable
Uncertainty: 1/2 grade

Colour Fastness to Rubbing - Dry BS EN ISO 105 X12: 2016
Conditioning Parameters: 20°C±2°C & 65% rH±4% rH
Sample: All Colours

	Staining Result	Requirement
Warp	3 - 4	
Weft	3 - 4	

Overall Test Result: Not Applicable
Uncertainty: 1/2 grade

Colour Fastness to Rubbing - Wet BS EN ISO 105 X12: 2016
Conditioning Parameters: 20°C±2°C & 65% rH±4% rH
Sample: All Colours

	Staining Result	Requirement
Warp	3 - 4	
Weft	3	

Overall Test Result: Not Applicable
Uncertainty: 1/2 grade

Martindale Abrasion Resistance BS EN ISO 12947-2: 2016
Conditioning Parameters: 20°C±2°C & 65% rH±4% rH

	Results	Requirement
Shade change @ 6000	3-4	
	Abrasion Resistance*	
Specimen 1	35,000 Revs	
Specimen 2	35,000 Revs	
Specimen 3	35,000 Revs	
Overall result**	35,000 Revs	
Test Information		
Test load:	9 kPa	
Fabric type	Woven	
Breakdown criteria	Two threads completely broken	
Inspection interval	Every 5000 Revs	
Foam used	Yes	
Preparatory treatment	No	
*The abrasion resistance result is the last inspection point at which no breakdown was observed.		
**The overall result is the lowest individual test result of all the test specimens tested.		

Overall Test Result: Not Applicable
Uncertainty: ±17%

Colour Fastness to Washing BS EN ISO 105 C06: 2010
Sample: Navy/Green/Blue/Brown/Lilac/Gold

	Result	Requirement
Colour Change	4 - 5	
Colour Staining		
Acetate	4 - 5	
Cotton	5	
Nylon	4 - 5	
Polyester	5	
Acrylic	5	
Wool	4 - 5	
30°C (Modified)		

Overall Test Result: Not Applicable
Uncertainty: 1/2 grade

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The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of $k = 2$, providing a level of confidence of approximately 95 %. Any Pass/Fail statements do not take into account the Measurement of Uncertainty. The Uncertainty budgets are stated for each Test method, these are for reference, and should be considered when results are close to Specification Limits / Requirements.