TEST REPORT

KOTITI No. | **82191002112361**
To | KOLON MATERIAL, INC
Date In | JUN 17, 2019 Date Out | JUN 21, 2019

Title	Test Report
Item	WOVEN FABRIC
Item Name	3LB-18-4046
Buyer	KOLON GLOTECH
Brand Name	N/S
Style Number	N/S
PO Number	N/S
Related(FO, FP) Report No	N/S
Color	(A)ORANGE, (B)MUSTARD
Submitted Fiber Composition	N/S
Recommended Fiber Composition	N/A
Submitted Care Instruction	MACHINE WASH
Recommended Care Instruction	N/A
Test Result	For further details, please refer to the following page(s).
Remark	N/S

Affirmation	Prepared by Name : Min Hee Park	박 민 희	Technical Manager Name : Jin Chun Kim	

KOTITI Testing & Research Institute

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1. The test results contained in this report are limited to results on the sample(s) that is provided by client and are not necessarily indicative or representative of the qualities of the lot from which the sample(s) was taken or of all products.
2. Further use of the results of this report is prohibited unless allowed under a separate agreement set forth in an official document that is established between the client identified on this letter and the KOTITI Testing & Research Institute.
3. The test result in this report is not related to accreditation of KOLAS.
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Pilling(ICI Pilling Box Method), Grade (KS K ISO 12945-1:2014)

Test Conducted	Test Results		Requirements
	(A)	(B)	
	4	4	

Note) Testing Hour : 4 hours

Colorfastness to Light, Grade (KS K ISO 105 B02:2014 (Xenon Arc Fade Ometer, water cooling, exposure condition : A-1, Method 3))

Test Conducted	Test Results		Requirements
	(A)	(B)	
Blue Wool Standard(4)	Over 4	Over 4	

Colorfastness to Washing, Grade (KS K ISO 105 C06(A2S):2014)

Test Conducted	Test Results		Requirements
	(A)	(B)	
Color Change	4	4	
(Staining to) Acetate	3-4	4-5	
(Staining to) Cotton	4-5	4-5	
(Staining to) Nylon	3-4	4	
(Staining to) Polyester	4-5	4-5	
(Staining to) Acrylic	4-5	4-5	
(Staining to) Wool	4-5	4-5	

Colorfastness to Crocking, Grade (KS K 0650:2011)

Test Conducted	Test Results		Requirements
	(A)	(B)	
Dry	4-5	4-5	
Wet	4	4-5	

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Colorfastness to Perspiration(Acid), Grade (KS K ISO 105 E04:2013)

Test Conducted	Test Results		Requirements
	(A)	(B)	
Color Change	4-5	4-5	
(Staining to) Acetate	4	4-5	
(Staining to) Cotton	4-5	4-5	
(Staining to) Nylon	4	4	
(Staining to) Polyester	4-5	4-5	
(Staining to) Acrylic	4-5	4-5	
(Staining to) Wool	4	4-5	

Colorfastness to Perspiration(Alkali), Grade (KS K ISO 105 E04:2013)

Test Conducted	Test Results		Requirements
	(A)	(B)	
Color Change	4-5	4-5	
(Staining to) Acetate	4	4-5	
(Staining to) Cotton	4-5	4-5	
(Staining to) Nylon	4	4	
(Staining to) Polyester	4-5	4-5	
(Staining to) Acrylic	4-5	4-5	
(Staining to) Wool	4	4-5	

Colorfastness to Drycleaning, Grade (KS K ISO 105 D01:2010)

Test Conducted	Test Results		Requirements
	(A)	(B)	
Color Change	4	4	
Staining of the solvent	3-4	4	

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Dimensional Change after Washing, %
(KS K ISO 3759:2014/5077:2014/6330:2012, Machine wash 30 ℃ Tumble dry)

Test Conducted	Test Results		Requirements
	(A)	(B)	
Warp	0.0	0.0	
Weft	0.0	0.0	

Minus (-) : Shrinkage, Plus(+) : Elongation

- End of Report -

Swatch of the submitted sample(s)

(A)	(B)

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