

Textile Laboratory

Test Report

No: TX71314 /2016 /JA

Date: July 22, 2016

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China Glaze Co., Ltd.
No.136, Sec. 4, Chung Hsing Road, Chutung,
Hsinchu County 310, Taiwan (R.O.C.)

The following samples were submitted and identified by applicant as:

Sample Description : Eight samples of 1/2 twill woven fabrics

Color : (A) Yellow (B) Magenta (C) Cyan (D) Black
(E) Red (F) Orange (G) Blue (H) Grey

Fiber Content : 100% Cotton

Construction : 40'S

End Use : Garment

Applicant : China Glaze Co., Ltd.

Sample Receiving Date : July 15, 2016

Test Performance Period : July 15, 2016 to July 21, 2016

Test Performed : Selected test(s) as requested by applicant.

Test Results : For further details, please refer to the following page(s).

Signed for and on behalf of
SGS Taiwan Ltd.



Cheng Yueh-Er, Ellen
Supervisor

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Test Results:

1.Colour Fastness to Washing (Modified ISO 105 C06 A2S - 2010 - 30 min - Mechanical wash but at 30°C in 4 g/l ECE detergent + 1 g/l sodium perborate solution with 10 steel balls - 150 ml liquor volume)

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Change in shade	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
Staining of acetate	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
Staining of cotton	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
Staining of nylon	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
Staining of polyester	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
Staining of acrylic	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
Staining of wool	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5

Remarks : Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

2.Colour Fastness to Perspiration (ISO 105 E04: 2013)

	(A)		(B)		(C)		(D)	
	a	b	a	b	a	b	a	b
Change in shade	4-5	4-5	4-5	4-5	4-5	4-5	4	4
Staining of acetate	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
Staining of cotton	4	4-5	3-4	3-4	4-5	4-5	4	4
Staining of nylon	4-5	4-5	4	3-4	4-5	4-5	4-5	4-5
Staining of polyester	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
Staining of acrylic	4-5	4-5	4	4-5	4-5	4-5	4-5	4-5
Staining of wool	4-5	4-5	4	4	4-5	4-5	4-5	4

	(E)		(F)		(G)		(H)	
	a	b	a	b	a	b	a	b
Change in shade	4	4	4-5	4-5	4-5	4-5	3-4	4
Staining of acetate	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
Staining of cotton	4	4	4	4	4	3-4	4	4
Staining of nylon	4-5	4	4-5	4-5	4	3-4	4-5	4-5
Staining of polyester	4-5	4-5	4-5	4-5	4	4	4-5	4-5
Staining of acrylic	4-5	4-5	4-5	4-5	4	4	4-5	4-5
Staining of wool	4-5	4-5	4-5	4-5	4	3-4	4-5	4-5

Note: a = alkaline b = acid

Remarks : Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

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Test Results:

3.Colour Fastness to Rubbing (ISO 105 X12 :2001)

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Dry staining	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
Wet staining	4	3-4	3-4	3-4	3-4	3-4	4	4-5

Remarks : Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

4.Colour Fastness to Light (ISO 105 B02:2014 - Air-Cooled Xenon-Arc Fading Lamp Test)

BWS (1 to 4) Grade	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
	4	4	4	4	4	4	4	3-4

*** End of Report ***

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