



Test Report

No: TX70095 /2009 /SH

Date: July 09, 2009

Page: 1 OF 3

Yugold Textiles Co.
3F, No. 394, Ming Sheng West Rd.,
Taipei, Taiwan

The following sample was submitted and identified by the client as:

Sample Description : Two samples of WE 888-58-9 knit white Nylon + PU coated in
(A) yellow and (B) navy

Sample Receiving Date : July 01, 2009

Test Performance Period : July 01 to July 08, 2009

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.

Chang Chia Hao, Ronnie Chang
Supervisor

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TWA0872094

Test Report

No: TX70095 /2009 /SH

Date: July 09, 2009

Page: 2 OF 3

Test Results:

Client's requirement

1. Tensile Strength (ISO 1421:1998 - Method 1 : Strip test)

Sample (A)

	Breaking force	Breaking stretch	
Longitudinal direction	50.8 daN*	81.2%	30 daN / 60%
Transverse direction	20.0 daN*	241.4%	20 daN / 115%

Sample (B)

	Breaking force	Breaking stretch	
Longitudinal direction	53.5 daN*	84.5%	30 daN / 60%
Transverse direction	20.0 daN*	250.9%	20 daN / 115%

* The specimens were broken near the jaws.

2. Fabric Weight Per Unit Area (Modified ISO 2286-2:1998)

Sample (A)	Total	White knitting	PU layer	
(g/sq.m.)	158.3	79.6	78.7	Total: 160 g/m ² ±5% Knitting: 80 g/m ² ±5% PU: 80 g/m ² ±5%
Sample (B)	Total	White knitting	PU layer	
(g/sq.m.)	152.1	76.0	76.1	Total: 160 g/m ² ±5% Knitting: 80 g/m ² ±5% PU: 80 g/m ² ±5%

3. Water Resistance (Client's method – place under 100 mm height water pressure for 24 hours)

(A)	(B)
No leakage	No leakage

4. Fabric Width (ISO 3932:2003)

	(A)	(B)	
Full width fabric	61-7/8"	61-1/2"	58/59"
PU finish width	58-1/8"	58-3/8"	54/56"

5. Colour Fastness to Washing (EN 20105 C01 - 1992 - 30 min - Mechanical wash but 30°C, in 5 g/l soap solution, liquor ratio 50:1)

	(A)	(B)	Shade change
Change in shade	4-5	4-5	4
Staining of acetate	4-5	4-5	
Staining of cotton	4-5	4-5	Staining
Staining of nylon	4-5	4-5	4
Staining of polyester	4-5	4-5	
Staining of acrylic	4-5	4-5	
Staining of wool	4-5	4-5	

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Test Results:

Client's requirement

6.Colour Fastness to Perspiration (EN ISO 105 E04 : 1996)

	(A)		(B)		Shade change
	Alkaline	Acid	Alkaline	Acid	
Change in shade	4-5	4-5	4-5	4-5	4
Staining of acetate	4-5	4-5	4-5	4-5	Staining 4
Staining of cotton	4-5	4-5	4-5	4-5	
Staining of nylon	4-5	4-5	4-5	4-5	
Staining of polyester	4-5	4-5	4-5	4-5	
Staining of acrylic	4-5	4-5	4-5	4-5	
Staining of wool	4-5	4-5	4-5	4-5	

7.Colour Fastness to Water (EN ISO 105 E01 : 1996)

	(A)	(B)	Shade change
Change in shade	4-5	4-5	4
Staining of acetate	4-5	4-5	Staining 4
Staining of cotton	4-5	4-5	
Staining of nylon	4-5	4-5	
Staining of polyester	4-5	4-5	
Staining of acrylic	4-5	4-5	
Staining of wool	4-5	4-5	

8.Colour Fastness to Rubbing(EN ISO 105 X12 :2002)

	(A)	(B)	
Dry staining	4-5	4-5	4
Wet staining	4-5	4-5	4

9.Flex Endurance (ISO 5402:2002)

Apparatus : Bally Type Flexometer
 Test condition : Room temperature

	<u>Extent of damage</u>	<u>Number of cracking</u>	<u>Length of cracking (mm)</u>
After 150 cycles			
Sample (A) - Dry	No damage	NIL	NIL
Sample (A) - Wet	No damage	NIL	NIL
Sample (B) - Dry	No damage	NIL	NIL
Sample (B) - Wet	No damage	NIL	NIL

The test was subcontracted to other SGS Laboratory.

*** End of Report ***

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