

**Test Report**

**No. SHSL1105069231TX**

**Date: May 17, 2011**

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WUJIANG JINMINGLAI SILK IMPORT&EXPORT CO., LTD.  
 AREA SOUTH, 2F, ZHONGCHENG BUILDING, NO. 1, 2<sup>ND</sup> XIHUAN ROAD, SHENGZE TOWN, WUJIANG,  
 JIANGSU

The following sample(s) was/were submitted and identified on behalf of the client as:

No.	Sample Description	Composition	Colour	End Uses
	300D low stretch oxford woven fabric	100% polyester	Fluorescence yellow	Garment

Manufacturer                      WUJIANG JINMINGLAI SILK IMPORT&EXPORT CO., LTD.

Test Performed                      Selected test(s) as requested by applicant

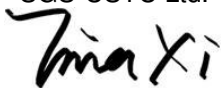
\*                      \*                      \*                      \*                      \*

Sample Receiving Date              MAY. 09, 2011

Testing Period                      MAY. 09, 2011 –MAY. 17, 2011

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

Signed for and on behalf of  
 SGS-CSTC Ltd.



Tina Xi  
 Account Executive

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**Test Result**

**Color Fastness to Washing** (AATCC 61-2009; Test No. 2A modified, 105 degree F)

Change in shade	4.5
Staining on multi-fiber stripe	
Acetate	4.0
Cotton	4.5
Nylon	4.0
Polyester	4.5
Acrylic	4.5
Wool	4.5

**Color Fastness to Water** (AATCC 107-2002)

Change in shade	4.5
Staining on multi-fiber stripe	
Acetate	4.5
Cotton	4.5
Nylon	4.5
Polyester	4.5
Acrylic	4.5
Wool	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.

**Water Repellency** (AATCC 35-2006; Rain Test-600 mm head Pressure; 2-min impact)

As Received		<u>U.S.Customs'</u> <u>Requirement</u>
Weight of blotter gained (g):		
<u>Specimen</u>		
1.	0.0	
2.	0.0	
3.	0.0	
Average	0.0	Max. 1.0g

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**Water Repellency** (AATCC 127-2008; - Hydrostatic Head; Rate of increase of water pressure: 60 cm/min, temp of distilled water: 20 degree C)

	1#	2#	3#	Average
<u>As Received</u>				
Face side Facing Water				
Water Column (mm)	>20000	>20000	>20000	>20000

Remark :water leakage occurred below the test specimens.

**Water Repellency** (AATCC 127-2008; - Hydrostatic Head; Rate of increase of water pressure: 60 cm/min, temp of distilled water: 20 degree C)

	1#	2#	3#	Average
<u>After 5 washes</u>				
Face side Facing Water				
Water Column (mm)	172	142	240	185

Washing procedure:(AATCC 135-2004; Test No. (1) III B; Machine wash at 105 degree F with 4lb loading, normal cycle, line dry).

**\* American National Standard for High-Visibility Safety Apparel and Headwear (ANSI/ISEA 107-2010)**

Background Materiall

TESTS FOR ALL MATERIALS				
Test/Method	Section	ANSI/ISEA 107 Requirement	Test Result	Pass/ Fail/ NA
Determination of Color ASTM E1164-09 (Single layer)	7.1.1	Test specimen must fulfill the colorimetric requirements of Table 2 for background material	<i>As submitted:</i> x=0.373 y=0.539	Pass
	7.2.4			
	9.2		%Y=109	Pass

The chromaticity shall lie within one of the areas defined in ANSI/ISEA 107 Table 2 and the total luminance factor shall exceed the corresponding minimum in ANSI/ISEA 107 Table 2.

Color, background material

Color	Chromaticity coordinates		Minimum total luminance factor
	x	y	
Fluorescent yellow-green	0.387	0.610	70
	0.356	0.494	
	0.398	0.452	

\* This test was carried out by SGS HK textile lab.

\*\*\*End of Report\*\*\*

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