



Test Report

No. SHSL1405115633TX

Date: Jun 05, 2014

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XM TEXTILES

ROOM 2403, ZHONGYI INTERNATIONAL BUSINESS BUILDING NO.1833, NORTH ZHONGSHAN ROAD, PUTUO DISTRICT, SHANGHAI

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

Sample Description : Woven fabric: Dynamic polyester/cotton 14x10 twill 3/1 300gsm raise in HI-VIZ yellow

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

Sample Receiving Date : May 21, 2014

Testing Period : May 21, 2014 TO Jun 05, 2014

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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Testing Center

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Test Result/

High-visibility clothing – Test methods and requirements
(EN ISO 20471:2013)

Sections 5.1.1 and 7.2: Colour Performance Requirements of New Background Materials

		Measured Values of Sample	Result
Chromaticity coordinates	x value	0.369	Pass
	y value	0.514	
Luminance Factor, β		0.93	Pass

Sections 5.2 and 7.2: Colour Performance Requirements of Background Materials after Xenon Test (ISO 105-B02:1994, method 3; Xenon-arc Lamp)

		Measured Values of Sample	Result
Chromaticity coordinates	x value	0.364	Pass
	y value	0.500	
Luminance Factor, β		0.92	Pass

The chromaticity shall be within one of the areas defined by coordinates in EN ISO 20471 Table 2 and the luminance factor shall comply with the corresponding minimum value.

Colour requirements for background material

Colour	Chromaticity coordinates		Minimum luminance factor β_{min}
	x	y	
Fluorescent yellow	0.387	0.610	0.70
	0.356	0.494	
	0.398	0.452	
	0.460	0.540	

This test was carried out by SGS HK textile lab.

*** End of Report ***



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