



**Test Report**

**No. SL519052002061TX**

**Date: Jan 09, 2019**

**Page 1 of 2**

KUNSHAN CHANGYI LEATHER PLASTIC FABRIC CO.,LTD.  
NO.555 SHIPULUCHANG ROAD, QIANDENG TOWN, KUNSHAN CITY, JIANGSU PROVINCE

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

Sample Description : PU leather: PU+POLY in fluorescent orange for clothing  
 Style No. : GUMT-190  
 Manufacturer : KUNSHAN CHANGYI

Proposed Care Instruction : -

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

Sample Receiving Date : Jan 03, 2019  
 Testing Period : Jan 04, 2019 - Jan 09, 2019  
 Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. For further details, please refer to the following page(s).

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co. Ltd

*Hattie Chen*

Hattie Chen  
Account Executive

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.  
 Testing Center: No. 889, Yishan Road, Xuhui District, Shanghai, China

200233 t (86-21) 61402666 f (86-21) 64958763 www.sgs.com.cn  
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t (86-21) 61402666 f (86-21) 64958763 e sgs.china@sgs.com

**Test Result**

**High-visibility clothing – Test methods and requirements**

(EN ISO 20471: 2013+A1: 2016)

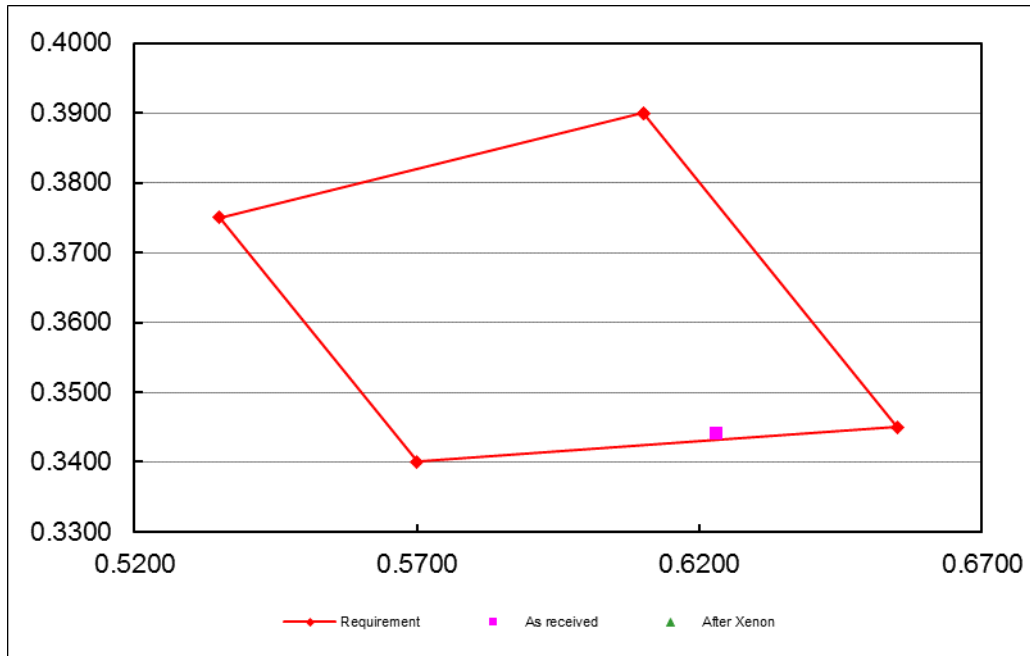
**Sections 5.1.1 and 7.2: Colour Performance Requirements of New Background Materials**

		Measured Values of Sample	Result
Chromaticity coordinates	x value	0.623	Pass
	y value	0.344	
Luminance Factor, $\beta$		0.40	Pass

The chromaticity shall be within one of the areas defined by coordinates in EN ISO 20471: 2013 Table 2 and the luminance factor shall comply with the corresponding minimum value.

Colour requirements for background material

Colour	Chromaticity coordinates		Minimum luminance factor $\beta_{min}$
	x	y	
Fluorescent orange-red	0.610	0.390	0.40
	0.535	0.375	
	0.570	0.340	
	0.655	0.345	



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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

3<sup>rd</sup> Building, No. 889, Yishan Road, Xuhui District Shanghai, China 200233 t (86-21) 61402666 f (86-21) 64958763 www.sgsgroup.com.cn  
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t (86-21) 61402666 f (86-21) 64958763 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)