

## Test ReportNo. QDSL1502002374TXDate: Feb 04, 2015Page 1 of 4

HUANGHUA COLOR INKJET TECHNOLOGY CO., LTD HUANGHUA ECONOMICAL DEVELOPMENT ZONE, HEBEI, 061100 CHINA

# THIS REPORT IS THE ENGLISH VERSION OF THE TEST REPORT NO. QDSL1412010689TX DATE: DEC. 29, 2014

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

Sample Description	: One sample of woven cutting in white with multicolor heat transfer print				
Manufacturer	: HUANGHUA COLOR INKJET TECHNOLOGY CO., LTD				
Test Performed	: Selected test(s) as requested by applicant				
*	*	*	*	*	
Sample Receiving Date	: DEC. 18, 2014				
Test Performing Period	: DEC. 18, 2014 - DEC. 29, 2014				
Test Result(s)	: For further details please refer to the following page(s).				

Signed for and on behalf of SGS-CSTC Ltd.

Jenny Li (Account Executive)



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Test Result

<u>Color Fastness to Washing</u>(ISO 105 -C06:2010; Test No.A2S; mechanical wash at 40 degree C; with 4g/l 'ECE' (B) detergent and 1g/l sodium perborate solution with 10 steel balls)

Change in shad	4-5 (all colors)		
Staining on mu	lti-fiber stripe		
	Acetate	4-5	
	Cotton	4-5	
	Nylon	4-5	
	Polyester	4-5	
	Acrylic	4-5	
	Wool	4-5	
Cross staining		5	

Color Fastness to Rubbing (ISO 105- X12:2001; Size of rubbing finger: 16mm dia.)

Dry staining	4-5
Wet staining	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.

<u>Color Fastness to Light</u> (ISO 105-B02:2013; method 3, use Xenon arc lamp, exposure cycle A1, no flip-flop mode was used)

	M100	M100 M100Y10		M100Y20		M100Y30		M100Y40	
Comparison upto blue wool reference 5									
Grade (B.W.S.)	5	5		5		5		5	
<u>Comparison upto blue</u>	M100\ wool ref		M100Y 5	<i>'</i> 60	M100\	(70	M100	<b>/</b> 80	M100Y90
Grade (B.W.S.)	5		5		5		5		5
Comparison upto blue		/100Y10		K90	K80	K70	K60	K50	K40
Grade (B.W.S.)	<u>5</u>	erence	<u> </u>	4	4	4	4-5	4-5	4-5
0.1440 (2.1110)	C C			·					
	K30	K20	K10	M99Y1	100	M90Y <sup>-</sup>	100	M80X.	100
Comparison upto blue									
Grade (B.W.S.)	4-5	4-5	4-5	5		5		5	
Composioon unto bluo	M70Y		M60Y1	00	M50Y1	100	M40Y	100	M30Y100
Comparison upto blue Grade (B.W.S.)	<u>5 wooi rei</u>	erence	<u>5</u>		5		5		5
	5		5		5		5		5
Comparison unto blue	M20Y		M10Y1	00	C100Y	<b>′</b> 100	C90Y1	00	C80Y100
		erence			5		5		5
<u>Comparison upto blue</u> Grade (B.W.S.)				100	5	100	5	100	5



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<u>Color Fastness to Light</u>(ISO 105-B02:2013; method 3, use Xenon arc lamp, exposure cycle A1, no flip-flop mode was used)

Comparison unto blue	C70Y100	C60Y100		C50Y100		C40Y100		C30Y100	
<u>Comparison upto blue</u> Grade (B.W.S.)	5	<u>5</u> 5		5		5		5	
Comparison unto blue	C20Y100	C10Y1	00	C100	C100Y	<b>′</b> 10	C100Y	<b>′</b> 20	C100Y30
<u>Comparison upto blue</u> Grade (B.W.S.) C100Y30	5	<u>5</u> 5		4-5	4-5		4-5		5
Comparison upto blue	C100Y40	C100Y	′50	C100Y	<i>'</i> 60	C100\	(70	C1	00Y80
Grade (B.W.S.)	5	<u>5</u> 5		5		5		5	
	C100Y90	_C100M10		C100M20		C100M30		C1	00M40
<u>Comparison upto blue</u> Grade (B.W.S.)	5	<u>5</u> 4-5		4-5		4-5		4-5	i
Comparison unto blue	C100M50	C100N	160	C100N	/170	C100N	<b>/</b> 80	C1	00M90
Comparison upto blue wool referenceGrade (B.W.S.)4-5		<u>5</u> 4-5		4-5		4		4	
Comparison unto blue	C100M100	C10M	100	C20M <sup>-</sup>	100	C30M	100	C4	0M100
<u>Comparison upto blue</u> Grade (B.W.S.)	4	<u>5</u> 5		4-5		4		4-5	i
	C50M100	_ C60M	100	C70M <sup>-</sup>	100	C80M	100	C9	0M100
Comparison upto blue Grade (B.W.S.)	4-5	<u>5</u> 4-5		4-5		4		4-5	i
	C95M100	Y100	C100	C91M8	89Y87K	79	C93M	88K8	9K80
Comparison upto blue Grade (B.W.S.)	4-5	<u>5</u> 5	4-5	5			5		

WhiteComparison upto blue wool reference 5Grade (B.W.S.)5



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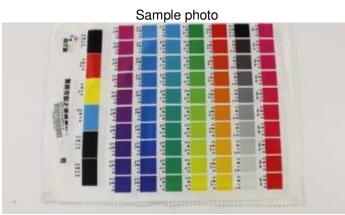


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\*\*\*End of Report\*\*\*



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