

TEST REPORT

Number : HGHT05986056

Applicant : SHAOXING IDEAL TEXTILE CLOTHING CO., LTD
RM2102, NO.1 FUSHEN MANSION, DIDANG NEW
CITY, SHAOXING CITY, ZHEJIANG PROVINCE,
CHINA
Attn : LI MING

Date : Apr 11, 2019

Sample Description As Declared :

No. Of Sample : One (1)
Fibre Content : 80% Polyester 20% Acrylic
Material : Woven Fabric
Finishing : -
End Uses : Upholstery
Colour : Slate
Style No. : Trilogy
Order No./PO No. : -
Buyer's Name : -
Manufacturer's Name : -
Ref. : -

Applicant's Provided Care Instruction/Label :

-

Date Received/Date Test Started : Apr 08, 2019

Prepared And Checked By:
For Intertek Testing Services Ltd., Hangzhou



Vivian Zhao
Manager



Intertek Testing Services Ltd., Shanghai , Hangzhou Branch

2-4F, Building No.6, Hangzhou Huaye High-Tech Park,
1180 Bin'an Road, Hangzhou 310052, China

上海天祥质量技术服务有限公司杭州分公司

中国杭州滨安路 1180 号杭州华业高科技园 6 号楼 2-4 楼 邮编:310052

Tel: +86 571 8768 8218 Fax: +86 571 8679 0296 E-mail: hztml@intertek.com Website: Intertek.com

Attention is drawn to the terms and conditions printed overleaf

TEST REPORT

Number : HGHT05986056

Conclusion:

Color Fastness To Crocking	M
Color Fastness To Light	#
Tensile Strength As Received	#
Seam Slippage As Received	#
Abrasion Resistance	#
Flammability Test	M1

Note : M = Commercially Acceptable

F = Fail

= No Comment

N/A = Not Applicable

M1= Based Upon The Results Of The Flammability Test Reported, The Sample Submitted For Testing Meets The Performance Requirements Of California Technical Bulletin 117-2013, Section 1, Cover Fabric Test.

Prepared And Checked By:
For Intertek Testing Services Ltd., Hangzhou



Vivian Zhao
Manager



Intertek Testing Services Ltd., Shanghai , Hangzhou Branch

2-4F, Building No.6, Hangzhou Huaye High-Tech Park,
1180 Bin'an Road, Hangzhou 310052, China

上海天祥质量技术服务有限公司杭州分公司

中国杭州滨安路 1180 号杭州华业高科技园 6 号楼 2-4 楼 邮编:310052

Tel: +86 571 8768 8218 Fax: +86 571 8679 0296 E-mail: hztml@intertek.com Website: Intertek.com

Attention is drawn to the terms and conditions printed overleaf

TEST REPORT

Number : HGHT05986056

Tests Conducted (As Requested By The Applicant)

1 Color Fastness To Crocking (AATCC 8-2016):

Dry	4.5
Wet	4.5

2 Color Fastness To Light (AATCC 16.3-2014, Option 3, Xenon-Arc Lamp):

<u>40 AATCC Fading Unit (AFU) Exposure</u>	
Grade	4.5

3 Tensile Strength As Received (ASTM D5034-09(2017), 1-in Grab Test, Tensile Testing Machine, CRE):

Warp	Over 672.8 lbf
Weft	133.8 lbf

Remark: The maximum capacity of the tester is 672.8 lbf.

4 Seam Slippage As Received (ASTM D434-1995, Tensile Testing Machine, CRE):

<u>S.O. ¼"</u>	
// To Warp	66.8 lbf
// To Weft	*
<u>Strength</u>	
// To Warp	-
// To Weft	61.8 lbf (STB)

Remark : S.O. ¼" = Seam opened at ¼ inch
STB = Sewing thread broken
* = The seam opening was less than ¼ inch though the ultimate seam strength was found as stated.

5 Abrasion Resistance (ASTM D4966-12(2016), Option 1, Martindale Abrasion And Pilling Tester, 12 kPa Total Pressure):

<u>Resistance</u>	
Face Side	Over 60,000 Rubs

TEST REPORT

Number : HGHT05986056

Tests Conducted (As Requested By The Applicant)

6 Flammability Test (California Technical Bulletin 117-2013 Section 1: Cover Fabric Test):

Test Method

The apparatus and method of testing were those described in California Technical Bulletin 117-2013, Section 1, for measuring the tendency of upholstery cover fabrics to smolder and contribute to fire propagation, when subjected to a smoldering ignition source.

Pass/Fail Criteria

A cover fabric material is considered pass or fail based on following criteria:

1. A single mock-up test specimen fails to meet the requirements of this test procedure if any of the following criteria occurs:
 - a) The mock-up test specimen continues to smolder after the 45 minutes test duration.
 - b) A vertical char length (measured as specified in step 11.9 of ASTM E1353-08a ^{el}) of more than 1.8 inches (45 mm) develops on the cover fabric.
 - c) The mock-up test specimen transitions to open flaming.
2. The cover fabric passes the test if three initial mock-up specimens pass the test, i.e., the cigarettes burn their full length and the mock-ups are no longer smoldering.
3. If more than one initial specimen fails, the cover fabric fails the test.
4. If any one of the three initial specimens fails, repeat the test on additional three specimens.
5. If all three additional specimens pass the test, the cover fabric passes the test. If any one of the additional three specimens fails, the cover fabric fails the test.

Test Result

	Vertical Char length (Inches)	Mock-up specimen continues to smolder After 45 Minutes	Mock-up test specimen transitions to open flaming	Test Result
Specimen 1	0.4	No	No	Pass
Specimen 2	0.6	No	No	Pass
Specimen 3	0.5	No	No	Pass

Conditioning : At least 24 hours in an atmosphere having a temperature of 21° ± 3 °C (70° ± 5 °F) and less than 55% relative humidity

Intertek Testing Services Ltd., Shanghai , Hangzhou Branch

2-4F, Building No.6, Hangzhou Huaye High-Tech Park,
1180 Bin'an Road, Hangzhou 310052, China
上海天祥质量技术服务有限公司杭州分公司
中国杭州滨安路 1180 号杭州华业高科技园 6 号楼 2-4 楼 邮编:310052
Tel: +86 571 8768 8218 Fax: +86 571 8679 0296 E-mail: hztml@intertek.com Website: Intertek.com
Attention is drawn to the terms and conditions printed overleaf

TEST REPORT

Number : HGHT05986056

Tests Conducted (As Requested By The Applicant)

Remark : Yes = Was observed

No = Was not observed

End of Report

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct.

This report shall not be reproduced except in full, without written approval of the laboratory.