

## TEST REPORT

Number : HGHT05985956

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 : 100% Polyester  
Material : Woven Fabric  
Finishing : -  
End Uses : Panel  
Colour : Grey  
Style No. : Zapote  
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



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Attention is drawn to the terms and conditions printed overleaf



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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):

40 AATCC Fading Unit (AFU) Exposure  
Grade 4

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

Warp	274.7 lbf
Weft	251.7 lbf

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

S.O. 1/4"  
// To Warp \*

// To Weft \*

Strength  
// To Warp 63.3 lbf(STB)  
// To Weft 70.1 lbf(STB)

Remark :

S.O. 1/4" = Seam opened at 1/4 inch

STB = Sewing thread broken

\* = The seam opening was less than 1/4 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):

Resistance  
Face Side 18,000 Rubs

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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 <sup>ε1</sup>) 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	0.6	No	No	Pass
Specimen 2	0.5	No	No	Pass
Specimen 3	0.6	No	No	Pass

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Tests Conducted (As Requested By The Applicant)  
Flammability Test (CONT'D)

Conditioning : At least 24 hours in an atmosphere having a temperature of  $21^{\circ} \pm 3^{\circ} \text{C}$  ( $70^{\circ} \pm 5^{\circ} \text{F}$ ) and less than 55% relative humidity

Remark : Yes = Was observed  
No = Was not observed

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End of Report

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