

## TEST REPORT

Number : HGHT07008145

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

Date : Aug 02, 2021

### Sample Description As Declared :

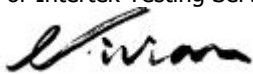
No. Of Sample : One (1)  
Fibre Content : 100% Polyester  
Material : Woven Fabric  
Finishing : -  
End Uses : Panel  
Colour : PY7001  
Style No. : Canopy  
Order No./PO No. : -  
Buyer's Name : -  
Manufacturer's Name : -  
Ref. : -

### Applicant's Provided Care Instruction/Label :

-

Date Sample Received : Jul 27, 2021  
Date Testing Started : Jul 27, 2021

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



Vivian Zhao  
Manager



### Intertek Testing Services Ltd., Shanghai, Hangzhou Branch

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### Conclusion:

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

Note : M = Commercially Acceptable

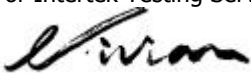
F = Fail

# = 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.

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Tests Conducted (As Requested By The Applicant)

1 Color Fastness To Light (AATCC TM16.3-2014e2, Option 3, Xenon-Arc Lamp):

40 AATCC Fading Unit (AFU) Exposure  
Grade 4.5

2 Color Fastness To Crocking (AATCC TM8-2016e):

Dry 4.5  
Wet 4.5

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

Warp 267.7 lbf  
Weft 240.0 lbf

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

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

Strength  
// To Warp 60.2 lbf(STB)  
// To Weft 60.5 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 80,000 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.
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Tests Conducted (As Requested By The Applicant)  
Flammability Test (CONT'D)

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	0.7	No	No	Pass
Specimen 2	0.6	No	No	Pass
Specimen 3	0.6	No	No	Pass

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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