TEST REPORT

Number : HGHT07986164

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

Date : May 17, 2024

Sample Description As Declared :

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

Applicant's Provided Care Instruction/Label :
-

Date Sample Received : May 13, 2024
Date Testing Started : May 13, 2024

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

Vivian Zhao
Manager

INTERTEK TESTING SERVICES LTD., SHANGHAI HANGZHOU BRANCH 上海天祥质量技术服务有限公司杭州分公司 检验检测专用章

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Tests Conducted (As Requested By The Applicant)

1 Color Fastness To Light (AATCC TM16.3-2020, Option 3, Xenon-Arc Lamp):

40 AATCC Fading Unit (AFU) Exposure	
Grade	4

2 Color Fastness To Crocking (AATCC TM8-2016e(2022)e):

Dry	4.5
Wet	4.5

3 Tensile Strength As Received (ASTM D5034-21, 1-in Grab Test, Tensile Testing Machine, CRE):

Warp	384.8 lbf
Weft	136.9 lbf

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

S.O. ¼"	
// To Warp	*
// To Weft	*

Strength	
// To Warp	88.0 lbf(STB)
// To Weft	79.4 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 D4966-22, Option 1, Martindale Abrasion And Pilling Tester, 12 kPa Total Pressure):

Resistance	
Face Side	Over 100,000 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 $^{\varepsilon 1}$) 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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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

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

Remark : Yes = Was observed
No = Was not observed

End of Report

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