



## Test Report

**Date** : 2023-05-09  
**No.** : ST23050031

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**Applicant(Code:09303753)** : KING TEXTILES, LLC  
400INTERSTATE DRIVE ARCHDALE NCUSA27263 US  
ARCHDALE NC 27263

**Description of Samples** : One (1) piece of submitted sample(s) said to be  
Starry Sky

**Date Samples Received** : 2023-05-05

**Date Tested** : 2023-05-05 to 2023-05-09

**Investigation Requested** : Selected test(s) as detailed herein.

A handwritten signature in black ink, appearing to read 'Steven Li', positioned above a horizontal line.

Steven, Li  
Authorized Signatory



### **STC (Shanghai) Company Limited**

130 Huashen Road, Waigaoqiao Pilot Free Trade Zone, Shanghai, China. Zip Code: 200131

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### Test Results:

#### 1.Pilling Resistance

Test Method: ASTM D3511/D3511M-2016, Brush Pilling Tester Method

Result (Grade)	4.0
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#### PILLING RATING:

Grade 5 no visual change

Grade 4 slight surface fuzzing

Grade 3 moderate surface fuzzing and / or isolated pills

Grade 2 distinct surface fuzzing and / or pilling

Grade 1 severe surface fuzzing and / or pilling

#### 2. Abrasion resistance

Test Method: ASTM D4157-2013(R2017), Option 1,Abradant:#10 cotton duck

<u>Direction</u>	<u>Result( No. of breakage )</u>
Warp	>30000
Weft	>30000

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### Test Results:

#### 3. Flammability Test

Test Method: CA TB 117:2013 Section 1: Cover fabric test

#### Conditioning:

Condition test specimens and cigarettes prior to the test for a minimum of 24 hours at 23°C(70° ± 5 °F) and less than 53% relative humidity. If conditions in the test area are not the same as in the conditioning area, tests should begin within 10 minutes of removal of samples from conditioning area.

#### Test Result:

<u>Specimen</u>	<u>Obvious Ignition</u>	<u>Smolder time</u>	<u>Vertical char length (nearest 2.5 mm)</u>	<u>Comment</u>
1	N.O.	24 min 35s	20.0	Pass
2	N.O.	25 min 02s	20.0	
3	N.O.	24 min 56s	20.0	

#### Requirement:

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 minute test duration;
  - b) A vertical char length 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 Results:

Sample photo



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

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