

Number: HKGT05124534

TEST REPORT

Applicant: SUNLIGHT ECO-TECH LIMITED
UNIT 507 ENTERPRISE PLACE
5 SCIENCE PARK WEST AVENUE
SHATIN
NT HK

Date: Jun 12, 2020

Attn: MARTIN Z.LI

Sample Description As Declared :

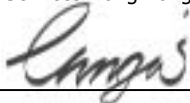
No. Of Sample : Several
Buyer's Name : -
Agent's Name : -
Manufacturer's Name : Sunlight Eco-Tech Limited
Sample Description : Mask
Colour : Blue
Style No. : -
Order No. / PO No. : -
Product End Uses : -
Fibre Content : -
Fabric/GMT Weight : -
Ref. : -

Date Received/Date Test Started : Apr 08, 2020

Applicant's Provided Care Instruction/Label :

-

For and on behalf of
Intertek Testing Services Hong Kong Limited



Teddy Y. N. Chung
Director

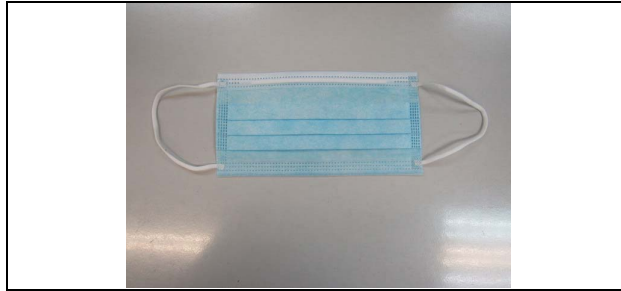


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TEST REPORT

Original Sample Photo:

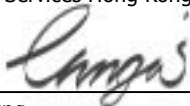


For any queries on this report, you are welcome to contact our customer service representatives:

US3

Angie Yu (852) 98639123 or email to angie.yu@intertek.com

For and on behalf of
Intertek Testing Services Hong Kong Limited



Teddy Y. N. Chung
Director



TEST REPORT

Tests Conducted (As Requested By The Applicant)

1 Flammability of Clothing Textiles GLP Report:

Summary: This procedure was performed to evaluate the flammability of plain surface clothing textiles by measuring the ease of ignition and the speed of flame spread. The parameter of time is used to separate materials into different classes, thereby assisting in a judgment of fabric suitability for clothing and protective clothing material. The test procedure was performed in accordance with the test method outlined in 16 CFR Part 1610 (a) Step 1 - testing in the original state. Step 2 - Refurbishing and testing after refurbishing, was not performed. All test method acceptance criteria were met.

Test Article Side Tested: Outside Surface

Orientation: Machine

Test Criteria for Specimen Classification (See 16 CFR Part 1610.7):

Class	Plain Surface Textile Fabric
1	Burn time ≥ 3.5 seconds
2	Not applicable to plain surface textile fabrics
3	Burn time < 3.5 seconds

The 16 CFR Part 1610 standard specifies that 10 replicates are to be tested if, during preliminary testing, only 1 test article exhibits flame spread and it is less than 3.5 seconds or the test articles exhibit an average flame spread less than 3.5 seconds. Five replicates are to be tested if no flame spread is observed upon preliminary testing, if only 1 test article exhibits flame spread and it is equal to or greater than 3.5 seconds, or if the average flame spread is equal to or greater than 3.5 seconds. In accordance with the standard, 5 replicates were tested for this study.

Results:

Replicate Number	Time of Flame Spread
1	IBE
2	IBE
3	IBE
4	IBE
5	IBE

IBE = Test Article ignited, but extinguished

Test Method Acceptance Criteria: Flame length must be approximately 16 mm ($\sim 5/8$ in) from the flame tip to the opening in the gas nozzle.

Procedure: Test articles were prepared by cutting the material into approximately 50 x 150 mm swatches. Preliminary testing to establish the orientation and side of the test article to test was performed. The side and orientation that burned the fastest was used to test the test articles. Each test article was clamped into the specimen holder and placed in an oven maintained at $105 \pm 3^\circ\text{C}$ for 30 ± 2 minutes. The test articles were then placed in a desiccator for a minimum of 15 minutes prior to testing.

The flame length of the flammability tester was adjusted to approximately 16 mm prior to testing. Test articles were placed on the flammability rack and the stop cord was strung through the guides. The flammability timer was zeroed and testing was started. When the flame reached the stop cord, the timer stopped, and the results were recorded. Testing was terminated for test articles that did not exhibit flame spread beyond the initial application of the flame.



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Tests Conducted (As Requested By The Applicant)

Compliance Statement: The test was conducted in accordance with the USFDA (21 CFR Parts 58, 210, 211, and 820) Regulations. This final report reflects the raw data.

Activity	Date
Study Initiation	30 Apr 2020
Phase Inspected by Quality Assurance: Sample Preparation / Conditioning	04 May 2020
Audit Results Reported to Study Director	07 May 2020
Audit Results Reported to Management	07 May 2020

Data Disposition: The study plan, raw data and final report from this study are archived at competent subcontractor laboratory.

Remark: The test was conducted by competent subcontractor laboratory.

End of Report

When a statement of conformity to a specification or standard is provided on test report, the decision rule shall be applied. For details, please refer to the latest version of Intertek's "Decision Rule Information" and is available on Intertek's website. <https://intertekhk.qrd.by/decision-rules-info>. If decision rule already inhered in the requested specification or standard, Intertek's "Decision Rule Information" is not applicable.

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