

Test Report

Number: SHAH0163025701

Applicant: DXRACER TECHNOLOGY WUXI CO.,LTD
17TH FLOOR BUILDING C UNIT 2, NO.108
HUISHAN AVENUE, HUISHAN DISTRICT, WUXI
CITY, JIANGSU PROVINCE
Attn: LILY WU

Date: 16 Nov, 2023

Sample Description:

One(1) piece of submitted sample said to be :
Item Name : Frosted flannel.
Country Of Origin : China.

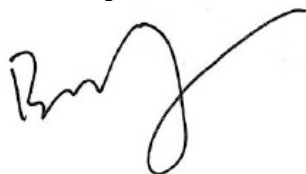
Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Submitted Sample	Applicant's Requirement On Abrasion Resistance	Pass
Submitted Sample	Tensile Strength	See Test Conducted
Submitted Sample	Tearing Strength As Received	See Test Conducted
Submitted Sample	Bursting Strength As Received	See Test Conducted
Submitted Sample	Air Permeability As Received	See Test Conducted
Submitted Sample	Applicant's Requirement On Colour Fastness To Light	Pass
Submitted Sample	Applicant's Requirement On Colour Fastness To Rubbing	Pass
Submitted Sample	Applicant's Requirement On Colour Fastness To Water	Pass
Submitted Sample	Applicant's Requirement On Colour Fastness To Perspiration	Pass

Prepared And Checked By:
For Intertek Testing Services Wuxi Ltd.



Bill Zhang
General Manager



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Tests Conducted

1. Abrasion Resistance

Test Standard: ISO 12947-2:1998 Martindale Abrasion And Pilling Tester, 9 kPa Total Weight

Client's Requirement

Resistance Face Side

Specimen 1	Over 20000 cycles
Specimen 2	Over 20000 cycles
Specimen 3	Over 20000 cycles
Quoted Result	Over 20000 cycles

20000 cycles

Date Sample Received: 08 Nov, 2023

Testing Period: 08 Nov, 2023 To 15 Nov, 2023

2. Tensile Strength

Test Standard: ISO 13934-2: 2014, grab method.

Warp	618.0 N
Weft	472.4 N

Date Sample Received: 08 Nov, 2023

Testing Period: 08 Nov, 2023 To 15 Nov, 2023

3. Tearing Strength As Received (ISO 13937-1:2000, Elmendorf Tear Tester):

Across Warp	52.0N
Across Weft	16.0 N

Date Sample Received: 08 Nov, 2023

Testing Period: 08 Nov, 2023 To 15 Nov, 2023

4. Bursting Strength As Received

Test Standard: ISO 13938-1:2019, Mullen Type Burster, Test Area, 30.5 mm Diameter:

1465.8 Kpa

Date Sample Received: 08 Nov, 2023

Testing Period: 08 Nov, 2023 To 15 Nov, 2023

5. Air Permeability As Received (ISO 9237-1995):

229.0 mm/s

Remark: Test Pressure= 200Pa
Test Area = 20 cm²

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6.Colour Fastness To Light (ISO 105 B02-2014, Exposure Cycle A1, Xenon-Arc Lamp):

Up To Grade 4

Grade 4

Client's Requirement
4

Date Sample Received: 08 Nov, 2023
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7.Colour Fastness To Rubbing
Test Standard: ISO 105 X12-2016

Dry 4-5
Wet 4-5

Client's Requirement
4
4

Date Sample Received: 08 Nov, 2023
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8.Colour Fastness To Water
Test Standard: ISO 105 E01-2013

Color Change 4-5
Color Staining
-Acetate 4-5
-Cotton 4-5
-Nylon 4-5
-Polyester 4-5
-Acrylic 4-5
-Wool 4-5

Client's Requirement
4
4

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9.Colour Fastness To Perspiration
Test Standard: ISO 105 E04-2013

Client's
Requirement

	Acid	Alkaline	
Color Change	4-5	4-5	4
Color Staining			4
-Acetate	4-5	4-5	
-Cotton	4-5	4-5	
-Nylon	4-5	4-5	
-Polyester	4-5	4-5	
-Acrylic	4-5	4-5	
-Wool	4-5	4-5	

Date Sample Received: 08 Nov, 2023
Testing Period: 08 Nov, 2023 To 15 Nov, 2023



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Tests Conducted

Photo



End Of Report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) received and tested. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek Testing Services Wuxi Ltd.

