

Report Number : TRPT25021005



TEST REPORT

NUMBER : TRPT25021005
DATE : 03-Mar-2025

APPLICANT : Paruthi Knits Private Limited
Sf No.229/1 A2, Arulpuram, Karaipudur,
Tiruppur, Tamil Nadu, 641605, India
ATTN : Kuppusamy

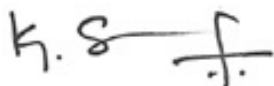
Sample Description : 1 Piece of submitted Knitted Fabric sample, 145
GSM

Date Received/Date Test Started : 03 Mar 2025

Order No : -
Color : Navy
Style No : -
Fiber Content : 100% Polyester

**TEST CONDUCTED : AS PER THE REQUEST OF THE APPLICANT. FOR FURTHER DETAILS PLEASE
REFER TO ENCLOSED PAGE(S)**

AUTHORIZED BY
FOR Intertek India Private Limited [Tirupur]



SHANMUGAM KASI
LAB MANAGER

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CONCLUSION :

Ultraviolet Protection Factor

*

NOTE : M = MEETS REQUIREMENT, F = FAILS TO MEET REQUIREMENT
* = REQUIREMENT NOT PROVIDED, N/A = NOT APPLICABLE
= EXEMPTED NR = NOT REQUESTED
**=INCONCLUSIVE D = DATA
= SEE REMARK

1. Statement of conformity is based on the simple acceptance rule without using measurement uncertainty.
2. In this report results relate only to the item tested.
3. Laboratory reports the final test results in test report. Any additional information, if required will be provided on request.
4. Samples received in good condition.
5. Testing has been performed as per the applicant's request.
6. Sampling is not done by Laboratory.
7. Environmental conditions followed at the time of testing as per International methods/customer requirements.

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Test Conducted (As Requested By The Applicant)

1. Ultraviolet Protection Factor

AATCC 183.2020

Sr. No	Test Parameters	Test Method	Unit	Test Results
1	Mean UV protection factor	AATCC 183 : 2020,ASTMD 6603-2019	-	83.63
	Standard Deviation		-	9.79
	UV-A Transmittance		%	1.48%
	UV-B Transmittance		%	1.12%
	UV-A Blocking		%	98.52%
	UV-B Blocking		%	98.88%
	Rated UPF		-	50+
	Protection category		-	Excellent UV Protection

Remark :

1) This results given apply only to the colour and weight of fabric tested. Unless otherwise stated the fabric is tested dry and relaxed.

2) This UPF Rating is for the fabric and does not address the amount of protection which is afforded by the design of the article. The manipulations involved in garment manufacturer such as stretching and sewing may lower the UPF of material.

3) The penetration offered by this fabric may be lessened:

- a) At the points where the fabric is in close contact with the skin such as cross the shoulders
- b) If the fabric is stretched.
- c) If the fabric is wet
- d) With the time due to effects of normal wear.

4) Refer to ASTM D 6603-11, the UV protection category is determined by UPF values,
UPF 40 or greater : Excellent UV Protection
UPF in between 25 to 39: Very Good UV Protection
UPF in between 15 to 24: Good UV Protection
UPF less than 15: Un classification

The listed protection category is for reference only: the market claims for labeling UV-Protection product shall follow:

"Standard Guide for Labeling UV-Protection textiles" as stated in ASTM D 6603-11.

END OF THE TEST REPORT

This report is made solely on the basis of your instructions and/or information and materials supplied by you. 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 Addressee in respect of this report and only accepts liability to the Addressee 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.

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