

Intertek

Hong Kong Government Recognized Service Supplier
Approved Laboratory of The Woolmark Company

Members of:

American National Standards Institute Hong Kong Association for Testing, Inspection and Certification Limited
American Society for Testing and Materials Hong Kong Toys Council
British Standards Institute

TEST REPORT

Number: HKGT02498075

Tests Conducted (As Requested By The Applicant)

1 Determination Of The UVR Transmission Of Dry Textile (AS/NZS 4399-1996, Appendix A):

Instrument Used : Cary 100 CONC

Wavelength Resolution : 5 nm

Solar Spectrum Irradiance Used : Noon On 17 January 1990 For Melbourne (38°S)

No. Of Scans : 8

The Samples Are Tested In Dry And Relaxation State.

The Mean Ultraviolet Protection Factor, UPF:

98.163

Standard Deviation Of UPF:

6.815

UPF Rating:

50+

UVR Protection Category:

Excellent protection

% Of Mean UVA Transmittance (315-400 nm):

0.965%

% Of Mean UVB Transmittance (290-315 nm):

0.989%

Remark:

UPF Classification

UPF Range	UVR Protection Category	Effective UVR Transmission, %	UPF Ratings
< 15	Cannot Classified As UV Protective	> 6.7	-
15 to 24	Good Protection	6.7 to 4.2	15, 20
24 to 39	Very Good Protection	4.1 to 2.6	25, 30, 35
40 to 50, 50+	Excellent Protection	≤ 2.5	40, 45, 50, 50+

Note:

nm

Nanometer.

UPF

Ultraviolet protection factor.