



Ultraviolet Protection Factor Report

AS/NZS 4399: 2017

Analysed for: Access Com Imp Exp Ltda

ARPANSA Reference: 12382-1

Customer Reference: 3146

Sample Information

Sample Type: Polyester

Sample Colour: Blue

Analysis Date: 27/03/2019

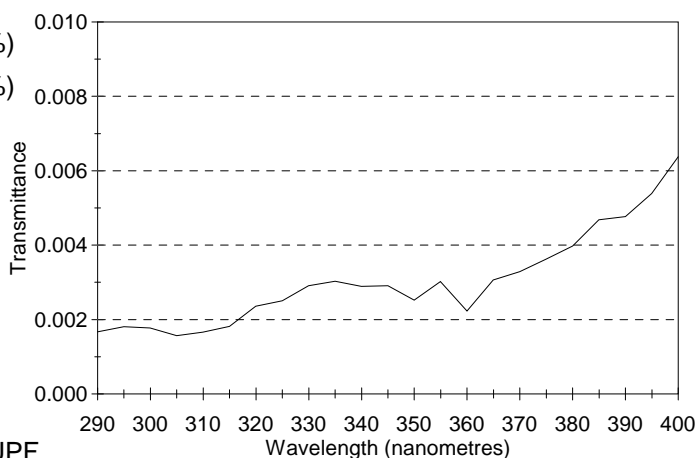
Instrumentation: Labsphere UV-1000F s/n 5239

Description: Blue 100% Polyester Umbrella, Item #506

Protection Factor Results

Number of Specimens Analysed: 8
 Mean UVB Transmittance: 0.002 (0.2%)
 Mean UVA Transmittance: 0.003 (0.3%)
 Mean UPF: >300
 Standard Deviation: n/a
 Rated UPF: 50+
 Protection Category: Excellent

UV Transmittance Characteristics



Statistical Uncertainties

Total Measurement Uncertainty: n/a
 Coverage Factor (99% confidence): 3.50

The maximum instrumental contribution to the uncertainty in the UPF result is 6.5% of the highest reportable value at the 95% confidence level.

Review of Results

This shade material is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A UPF rating of 50+ qualifies this shade material for the UPF Excellent protection category. The assigned UPF rating of 50+ may be quoted for advertising purposes.

Note that shade structures may not provide protection against reflected or scattered solar ultraviolet radiation.

Note that this material may be outside the scope of AS/NZS4399 as it is not personal sun protective clothing.

This test report provides the UPF rating of the material tested. It does not consider the design or body coverage of the product.

Disclaimer

This report was prepared using the testing method from AS/NZS 4399, Appendix A using the solar spectrum described in Appendix B. Unless otherwise stated the sample was tested in unstretched, dry condition. The results in this report are applicable to the sample tested and may not apply to other batches of the same material, other colours or similar materials. Testing was performed within a temperature range of 20±5 degrees celcius and a humidity range of 50±20% relative humidity.

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Material Sample

