

Ultraviolet Protection Factor Report

Sample Information

Analysed for: Splash About
Description: Pink/Black 0.5mm Double Lined Neoprene, 344gsm, Sheico - Taiwan 20011207
Colour: Pink/Black
Type: Double Lined Neoprene
Date of Analysis: 03/04/2002
ARPANSA Reference: 3735-1



Sample

Analysis Conditions

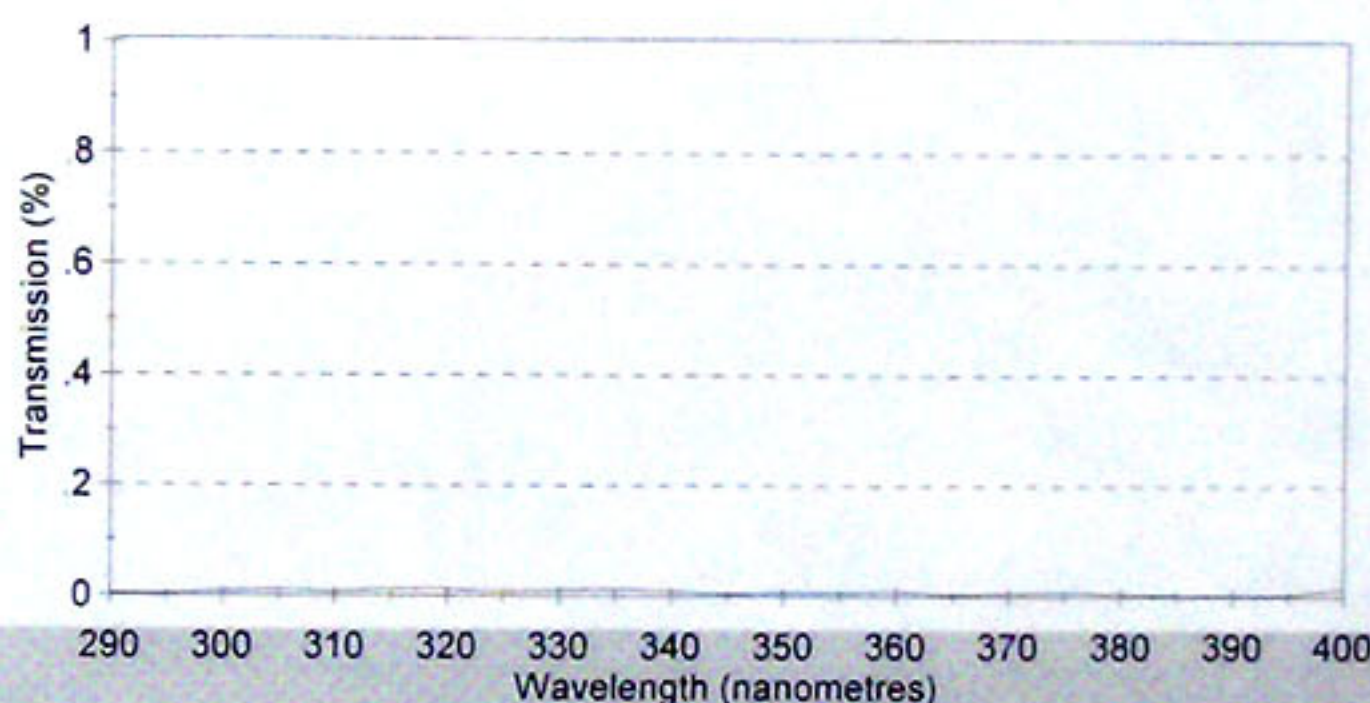
Sample State: Dry
Sample Tension: Unstretched
Analysis Method: Spectroradiometric Scan

This analysis was performed in accordance with Australian/New Zealand Standard AS/NZS 4399:1996 - Sun protective clothing - Evaluation and classification, Appendix A. The solar spectrum described in table B2 of this standard was used to calculate the protection factor results.

Protection Factor Results

Number of Scans: 8
Mean UVB Transmission: 0.01
Mean UVA Transmission: 0.01
Mean UPF: >500
Standard Deviation: n/a
Standard Error of the Mean: n/a
Rated UPF: 50+
Protection Category: Excellent

UV Transmission Characteristics



Discussion

This material is effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A material with a rating of UPF 15 reduces the amount of solar UVR by a factor of 15.

A UPF rating of 50+ qualifies this material for the UPF Excellent protection category.

The assigned UPF rating of 50+ may be quoted for advertising purposes.

Signatory:

Date: 1/4/02

Dr. H. P. Gies
UV Section
Australian Radiation Protection and Nuclear Safety Agency



This report has been prepared in accordance with standard AS/NZS4399: 1996
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