



Shadecloth Test Report

Analysed for: Outlook Australia
ARPANSA Ref: 8413-3

Client Reference: 1083

Sample Information

Sample Type: Knitted Shadecloth Sample Colour: Black
Analysis Date: 12/04/2011 Instrumentation: Varian Cary 50, s/n EL05083263
Description: Black Polyester SAB Mesh Shadecloth, Single Layer

Shadecloth Test Results

Cover Factor: 76.2 ± 3.0
Designation: Heavy
Colour code: White
Shade Factor: 70.9 ± 3.3
% Tav: 29.1 ± 3.3
% UVA: 23.9 ± 3.4
% UVB: 23.7 ± 3.6
% UVR: 24.7 ± 3.3
% PAR: 25.3 ± 3.2
% UVR Block: 75.3 ± 3.3

Number of Specimens Analysed: 10

Material Sample



Review of Results

When designing shade structures, shade sails or other shade devices consider using the most protective shadecloth available.

When shadecloth is to be used for domestic purposes such as shade structures or umbrellas, ultraviolet radiation transmission figures should be used as a guide only. These figures do not take into account vital factors such as the design and size of the shade structure, the distance of the shadecloth from the subjects, reflected and diffuse solar irradiance and the physical location of the subjects within the shade structure (e.g. at the edge or at the centre). Also note that due to transmission differences from place to place in the material there may be variations between the specimens tested and the bulk material. The report shows the average of the measured values.

Disclaimer

This report has been prepared in accordance with standard AS 4174-1994 - Synthetic Shadecloth, Appendix A and Appendix B. The results in this report are applicable to the sample tested and may not apply to other batches of the same material or similar materials. It is a condition of the provision of these test results that you do not use the name of the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) or the Commonwealth of Australia, or any words, marks or devices which may imply a connection with ARPANSA or the Commonwealth of Australia, in connection with the promotion or sale of your products, unless ARPANSA has given express written authority to do so. This test report may only be reproduced in full and without alteration. Version 2.4.4-29/11/2010

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