

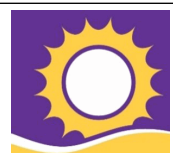


Shade Fabric Summary Report

Analysed for: Haverford Brands

Sample Details		Shade Fabric Results							Human Protection		
ARPANSA Reference	Sample Description	Cover Factor	Shade Factor	UV-Vis Trans %	UVR Trans %	UVR Block %	PAR Trans %	Designation	Colour Code	UVE %	Protection Category
UVR_23-0054-1	Sand Knitted Shade Fabric	89.0	76.8	23.2	10.8	89.2	24.9	Extra-heavy cover	Lime green	88.0	Effective
UVR_23-0054-2	Grey Knitted Shade Fabric	88.0	80.5	19.5	11.9	88.1	20.5	Extra-heavy cover	Lime green	87.0	Effective
UVR_23-0054-3	Black Knitted Shade Fabric	92.0	92.0	8.0	7.9	92.1	7.9	Extra-heavy cover	Lime green	90.0	Effective

This summary is not an official ARPANSA test report





Shade Fabric Report

Analysed for: Haverford Brands

AS4174:2018

ARPANSA Reference: UVR_23-0054-1

Analysis Date: 16 May 2023

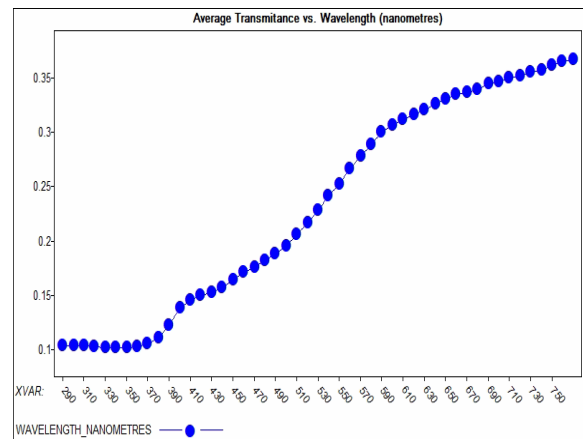
Sample Information

Sample Weight (gsm): 279 **Instrumentation:** Bentham DTMc300F s/n 14294
Specimens Tested: 10
Description: Sand Knitted Shade Fabric

Shade Fabric Results

Cover Factor: 89.0
Shade Factor: 76.8
UV-Visible Transmittance (%): 23.2
UVR Transmittance (%): 10.8
UVR Block (%): 89.2
PAR Transmittance (%): 24.9
Designation: Extra-heavy cover
Colour Code: Lime green

UV-Visible Transmittance



Human Protection Results	Std Dev
Ultraviolet Effectiveness (UVE%): 88.0	1.1
Protection Category: Effective	

Review of Results

When shade fabric is used for purposes such as shade structures for human protection, the ultraviolet effectiveness (UVE) may not be an accurate guide to the protection provided and may be less than the measured value due to variations in design, height and size of shade structures, stretching of the fabric, the distance of the fabric from the persons, the direction of sunlight, and the physical location of the persons within the shade structure (e.g. at the edge or at the centre).

Please refer to AS 4174:2018 for labelling requirements; these requirements are summarised in the email accompanying this report.

Disclaimer

Unless otherwise stated the sample was tested unstretched, dry and in new condition. This report has been prepared in accordance with standard AS 4174:2018 - Knitted and woven shade fabrics, Appendices A, B & D. 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 the ARPANSA has given express written authority to do so.

Material Sample



Anindita Das

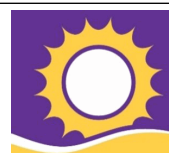
16 May 2023

Anindita Das - Technician

Lydiawati Tjong

17 May 2023

Lydia Tjong - Approved Signatory





Shade Fabric Report

Analysed for: Haverford Brands

AS4174:2018

ARPANSA Reference: UVR_23-0054-2

Analysis Date: 16 May 2023

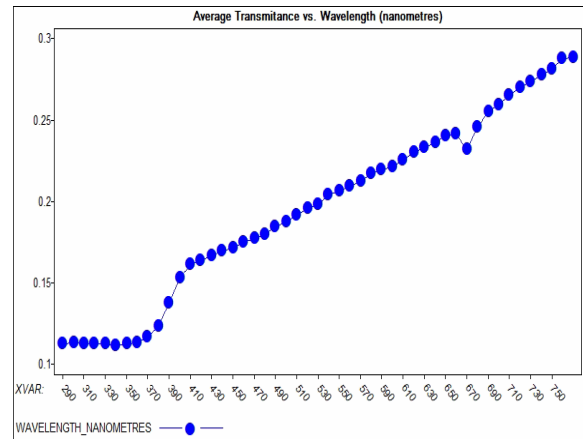
Sample Information

Sample Weight (gsm): 277 **Instrumentation:** Bentham DTMc300F s/n 14294
Specimens Tested: 10
Description: Grey Knitted Shade Fabric

Shade Fabric Results

Cover Factor: 88.0
Shade Factor: 80.5
UV-Visible Transmittance (%): 19.5
UVR Transmittance (%): 11.9
UVR Block (%): 88.1
PAR Transmittance (%): 20.5
Designation: Extra-heavy cover
Colour Code: Lime green

UV-Visible Transmittance



Human Protection Results

		Std Dev
Ultraviolet Effectiveness (UVE%):	87.0	0.8
Protection Category:	Effective	

Review of Results

When shade fabric is used for purposes such as shade structures for human protection, the ultraviolet effectiveness (UVE) may not be an accurate guide to the protection provided and may be less than the measured value due to variations in design, height and size of shade structures, stretching of the fabric, the distance of the fabric from the persons, the direction of sunlight, and the physical location of the persons within the shade structure (e.g. at the edge or at the centre).

Please refer to AS 4174:2018 for labelling requirements; these requirements are summarised in the email accompanying this report.

Disclaimer

Unless otherwise stated the sample was tested unstretched, dry and in new condition. This report has been prepared in accordance with standard AS 4174:2018 - Knitted and woven shade fabrics, Appendices A, B & D. 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 the ARPANSA has given express written authority to do so.

Material Sample



Anindita Das

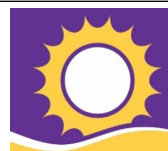
16 May 2023

Anindita Das - Technician

Lydiawati Tjong

17 May 2023

Lydia Tjong - Approved Signatory





Shade Fabric Report

Analysed for: Haverford Brands

AS4174:2018

ARPANSA Reference: UVR_23-0054-3

Analysis Date: 16 May 2023

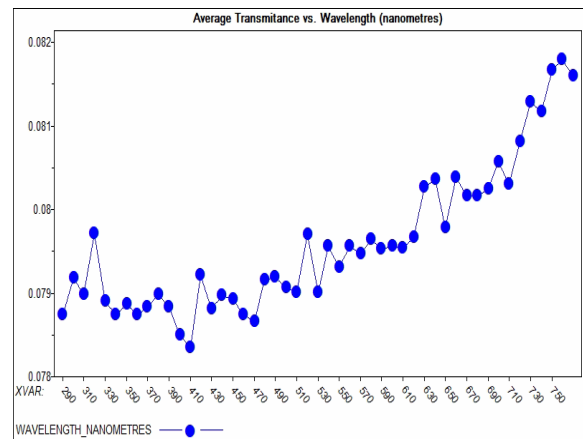
Sample Information

Sample Weight (gsm): 243 **Instrumentation:** Bentham DTMc300F s/n 14294
Specimens Tested: 10
Description: Black Knitted Shade Fabric

Shade Fabric Results

Cover Factor: 92.0
Shade Factor: 92.0
UV-Visible Transmittance (%): 8.0
UVR Transmittance (%): 7.9
UVR Block (%): 92.1
PAR Transmittance (%): 7.9
Designation: Extra-heavy cover
Colour Code: Lime green

UV-Visible Transmittance



Human Protection Results

		Std Dev
Ultraviolet Effectiveness (UVE%):	90.0	1.6
Protection Category:	Effective	

Review of Results

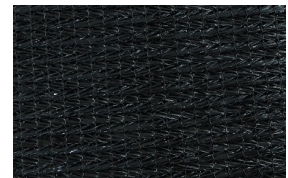
When shade fabric is used for purposes such as shade structures for human protection, the ultraviolet effectiveness (UVE) may not be an accurate guide to the protection provided and may be less than the measured value due to variations in design, height and size of shade structures, stretching of the fabric, the distance of the fabric from the persons, the direction of sunlight, and the physical location of the persons within the shade structure (e.g. at the edge or at the centre).

Please refer to AS 4174:2018 for labelling requirements; these requirements are summarised in the email accompanying this report.

Disclaimer

Unless otherwise stated the sample was tested unstretched, dry and in new condition. This report has been prepared in accordance with standard AS 4174:2018 - Knitted and woven shade fabrics, Appendices A, B & D. 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 the ARPANSA has given express written authority to do so.

Material Sample



Anindita Das

16 May 2023

Anindita Das - Technician

Lydiawati Tjong

17 May 2023

Lydia Tjong - Approved Signatory

