



Shade Fabric Summary Report

AS 4174:2018

Analysed for: Shelta Australia

5/10/2020

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
13010-1	Charcoal Ridge 260gsm Woven Shade Fabric, O'Bravia	99	99.0	1.0	0.3	99.7	1.2	Ultra-heavy cover	Beige	99	Most effective
13010-2	Platinum 267gsm Woven Shade Fabric, Sunbrella	99	98.8	1.2	0.2	99.8	1.2	Ultra-heavy cover	Beige	99	Most effective

Anindita Das

Anindita Das - Technician - 5/10/2020

Lydiawati Tjong

Lydia Tjong - Authorised Signatory - 5/10/2020

It is a condition of the provision of these test results that you do not use the name of 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 summary report may only be reproduced in full and without alteration.

ARPANSA Ultraviolet Radiation Services
619 Lower Plenty Road
Yallambie, Victoria 3085
Australia

Phone: +61 3 9433 2309
Email: uvr-services@arpansa.gov.au
Web: <http://www.arpansa.gov.au/uv>



Shade Fabric Report

AS 4174:2018

Analysed for: Shelta Australia

ARPANSA Reference: 13010-1

Customer Reference: 3238

Date of Analysis: 05/10/2020

Sample Information

Description: Charcoal Ridge 260gsm Woven Shade Fabric, O'Bravia

Sample Weight (gsm): 260

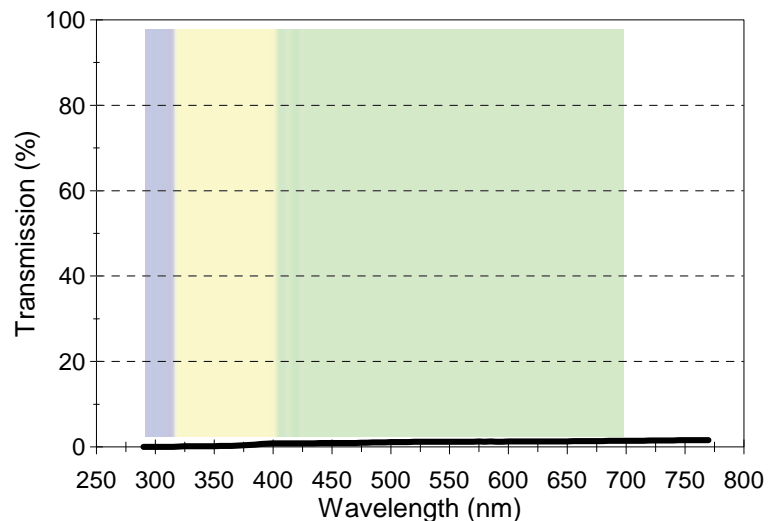
Specimens Tested: 10

Instrument: Bentham DTMc300F s/n 14294

Shade Fabric Results

		S.D.
Cover Factor:	99	0.0
Shade Factor:	99.0	0.1
UV-Visible Transmittance (%):	1.0	0.1
UVR Transmittance (%):	0.3	0.0
UVR Block (%):	99.7	0.0
PAR Transmittance (%):	1.2	0.1
Designation:	Ultra-heavy cover	
Colour Code:	Beige	

UV-Visible Transmittance



Human Protection Results

Ultraviolet Effectiveness (UVE%):	99	0.0
Protection Category:	Most effective	

Review of Results

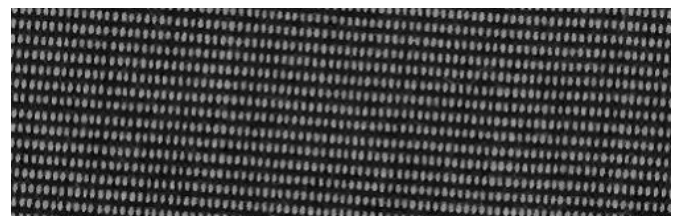
When shade fabric is used for purposes such as shade structures for human protection, the ultraviolet effectiveness (UVE) may not be an accurate guide to the protection provided and may be less than the measured value due to variations in design, height and size of shade structures, stretching of the 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).

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. This test report may only be reproduced in full and without alteration.

Material Sample



Anindita Das

Anindita Das - Technician - 5/10/2020

Lydia Tjong

Lydia Tjong - Authorised Signatory - 5/10/2020



Shade Fabric Report

AS 4174:2018

Analysed for: Shelta Australia

ARPANSA Reference: 13010-2

Customer Reference: 3238

Date of Analysis: 05/10/2020

Sample Information

Description: Platinum 267gsm Woven Shade Fabric, Sunbrella

Sample Weight (gsm): 267

Specimens Tested: 10

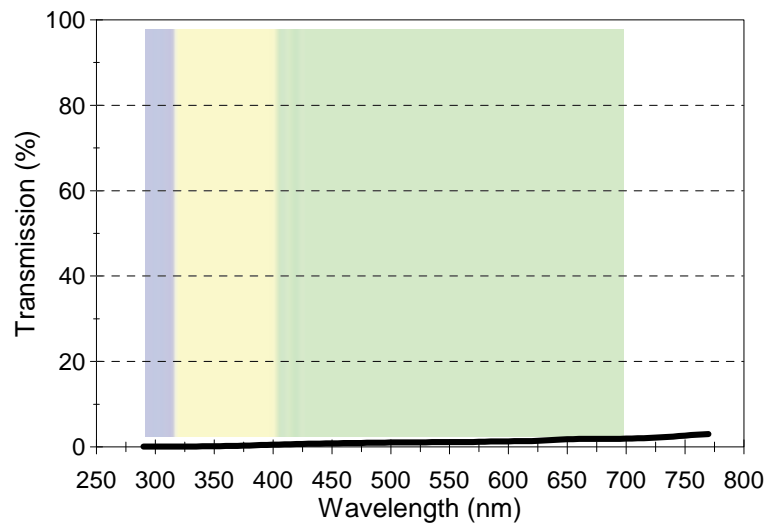
Instrument: Bentham DTMc300F s/n 14294

Shade Fabric Results

S.D.

Cover Factor:	99	0.0
Shade Factor:	98.8	0.1
UV-Visible Transmittance (%):	1.2	0.1
UVR Transmittance (%):	0.2	0.0
UVR Block (%):	99.8	0.0
PAR Transmittance (%):	1.2	0.1
Designation:	Ultra-heavy cover	
Colour Code:	Beige	

UV-Visible Transmittance



Human Protection Results

Ultraviolet Effectiveness (UVE%): 99 0.0

Protection Category: Most effective

Review of Results

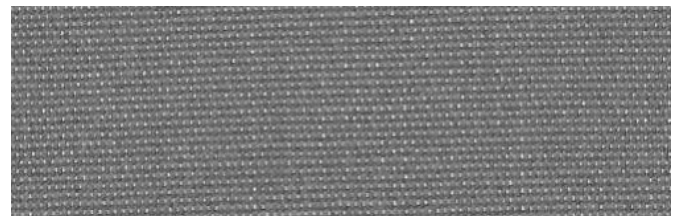
When shade fabric is used for purposes such as shade structures for human protection, the ultraviolet effectiveness (UVE) may not be an accurate guide to the protection provided and may be less than the measured value due to variations in design, height and size of shade structures, stretching of the 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).

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. This test report may only be reproduced in full and without alteration.

Material Sample



Anindita Das

Anindita Das - Technician - 5/10/2020

Lydia Tjong

Lydia Tjong - Authorised Signatory - 5/10/2020