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Shade Fabric Summary Report

AS 4174:2018

Analysed for: Philips & House Pty Ltd (Shelta Australia)

3/06/2021

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
13252-1	Dark Blue 119gsm Polyester Woven Shade Fabric with UV Coating	99	97.8	2.2	0.4	99.6	1.3	Ultra-heavy cover	Beige	99	Most effective
13252-2	Light Blue 68gsm Vinyl Woven Shade Fabric with UV Coating	99	98.4	1.6	0.3	99.7	1.3	Ultra-heavy cover	Beige	99	Most effective

Anindita Das - Technician - 3/06/2021

Lydia Tjong - Authorised Signatory - 3/06/2021

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Shade Fabric Report

AS 4174:2018

Analysed for: Philips & House Pty Ltd (Shelta Australia)

ARPANSA Reference: 13252-1 **Customer Reference:** 3238 **Date of Analysis:** 03/06/2021

Sample Information

Description: Dark Blue 119gsm Polyester Woven Shade Fabric with UV Coating

Sample Weight (gsm): 119 **Specimens Tested:** 10 **Instrument:** Bentham DTMc300F s/n 14294

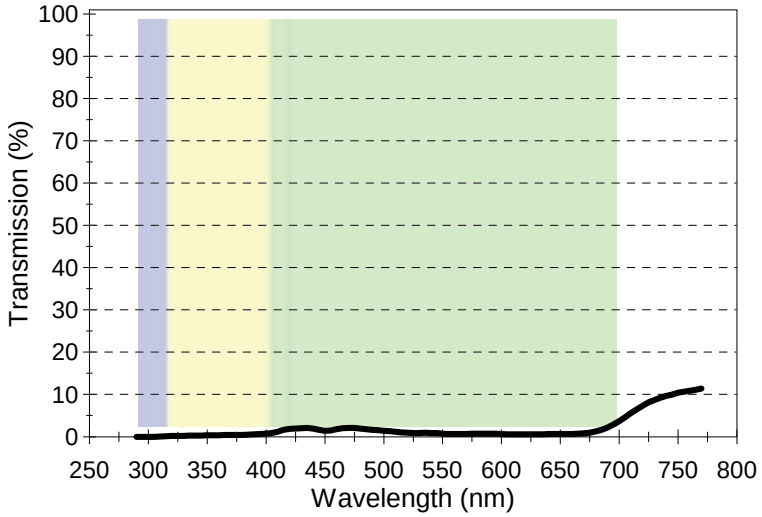
Shade Fabric Results

		S.D.
Cover Factor:	99	0.0
Shade Factor:	97.8	0.2
UV-Visible Transmittance (%):	2.2	0.2
UVR Transmittance (%):	0.4	0.0
UVR Block (%):	99.6	0.0
PAR Transmittance (%):	1.3	0.1
Designation:	Ultra-heavy cover	
Colour Code:	Beige	

Human Protection Results

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

UV-Visible Transmittance



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

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Anindita Das - Technician - 3/06/2021

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Shade Fabric Report

AS 4174:2018

Analysed for: Philips & House Pty Ltd (Shelta Australia)

ARPANSA Reference: 13252-2 **Customer Reference:** 3238 **Date of Analysis:** 03/06/2021

Sample Information

Description: Light Blue 68gsm Vinyl Woven Shade Fabric with UV Coating

Sample Weight (gsm): 68 **Specimens Tested:** 10 **Instrument:** Bentham DTMc300F s/n 14294

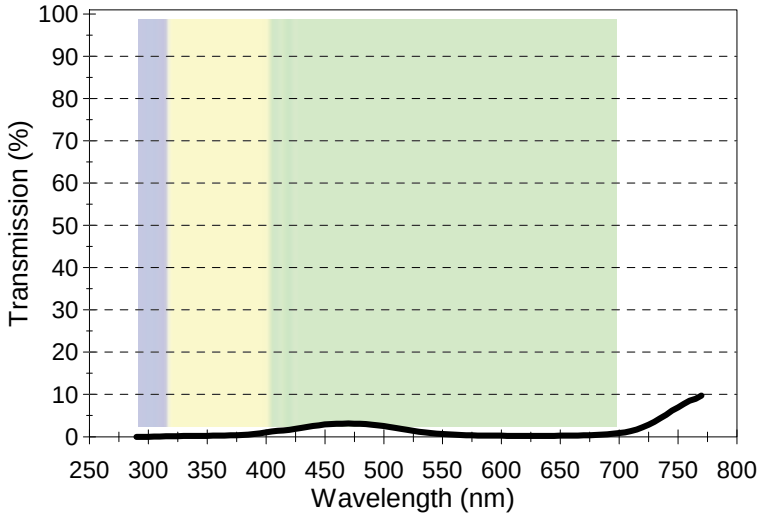
Shade Fabric Results

		S.D.
Cover Factor:	99	0.0
Shade Factor:	98.4	0.0
UV-Visible Transmittance (%):	1.6	0.0
UVR Transmittance (%):	0.3	0.0
UVR Block (%):	99.7	0.0
PAR Transmittance (%):	1.3	0.0
Designation:	Ultra-heavy cover	
Colour Code:	Beige	

Human Protection Results

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

UV-Visible Transmittance



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).

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