



Shade Fabric Report

AS 4174: 2018

Analysed for: Shelta Australia

ARPANSA Reference: 12902-1

Customer Reference: 3238

Date of Analysis: 06/07/2020

Sample Information

Description: Sand/Sandstone 186gsm Polypropylene Axroma Woven Shade Fabric

Sample Weight (gsm): 186

Specimens Tested: 10

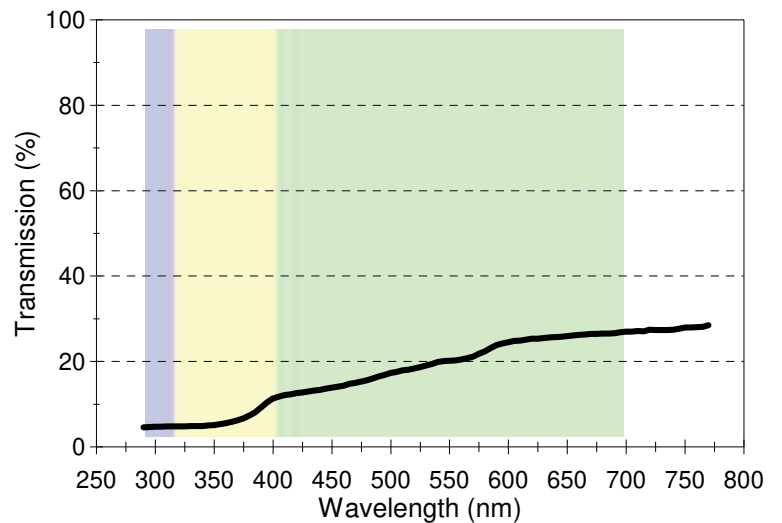
Instrument: Bentham DTMc300F s/n 14294

Shade Fabric Results

S.D.

Cover Factor:	94	0.1
Shade Factor:	82.0	0.2
UV-Visible Transmittance (%):	18.0	0.2
UVR Transmittance (%):	6.1	0.1
UVR Block (%):	93.9	0.1
PAR Transmittance (%):	20.1	0.2
Designation:	Ultra-heavy cover	
Colour Code:	Beige	

UV-Visible Transmittance



Human Protection Results

Ultraviolet Effectiveness (UVE%): 94 0.1

Protection Category: Very 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/NZS 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.

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Material Sample



Anindita Das

Anindita Das - Technician - 6/07/2020

Lydia Tjong

Lydia Tjong - Authorised Signatory - 6/07/2020