

REPORT NUMBER:

NGBT06644263



TEST REPORT

Number : NGBT06644263

Applicant : SHELTA AUSTRALIA
UNIT 4/1 FOUNDATION PLACE PEMULWUY,
NSW, 2145, AUSTRALIA
Attn : DAVID WILLIAMS

Date : Sep 17, 2020

Sample Description As Declared :

No. Of Sample : One
Fibre Content : 100% Solution Dyed Acrylic
Material : Woven Fabric
Finishing : -
End Uses : Umbrella Canopy/Cover
Colour : Sunbrella Beacon Ash
Style No. : 6457
Order No./PO No. : -
Buyer's Name : Harvey Norman
Manufacturer's Name : ACTIVA LEISURE INC.
Ref. : -

Applicant's Provided Care Instruction/Label : -

Date Received/Date Test Started : Sep 14, 2020

Conclusion:

Determination Of Formaldehyde (Part 1)	M
Fibre Analysis	*1
Colour Fastness To Rubbing	M
Colour Fastness To Light	M
Seam Slippage As Received	F
Pilling Resistance As Received	M
Abrasion Resistance	M
Determination Of The UPF Rating Of A Dry Textile	#

Note : M = Meet Buyer's Requirement
= No Specified Requirement
N/A = Not Applicable

F = Below Buyer's Requirement
* = No Submitted Information

*1 = The Fibre Label Of The Sample Shall Be Rewritten As:"100% Acrylic".

Prepared And Checked By:
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Winnie Pan

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Attention is drawn to the terms and conditions printed overleaf

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Tests Conducted (As Requested By The Applicant)

1 Determination Of Formaldehyde (Part 1) : Free And Hydrolyzed Formaldehyde (ISO 14184-1:2011):

<u>Requirement</u>
100 ppm

< 5ppm

Remark : ppm = mg/kg

2 Fibre Analysis
AS 2001.7-2005

<u>Marked</u>
100% Acrylic
100% Solution Dyed Acrylic

3 Colour Fastness To Rubbing (AS 2001.4.3-1995):

<u>Requirement</u>
4
3

Dry	4-5
Wet	4-5

4 Colour Fastness To Light (AS 2001.4.B02-2001, Xenon-Arc Lamp):

<u>Requirement</u>
<u>Light</u>
4

Grade	Above 4
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5 Seam Slippage AS Received (AS 2001.2.22-2006, Method A, Tensile Testing Machine, CRE):

<u>Requirement</u>
6 mm
6 mm
6 mm
6 mm
6 mm

(I) The Mean Seam Opening Under 180 N Load Within 10 Seconds	
// To Warp	8.0 mm
// To Weft	4.0 mm
(II) The Mean Seam Opening After Reducing To 2.5 N Load For 2 Minutes	
// To Warp	7.0 mm
// To Weft	3.0 mm

Remark : N = Newton

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6 Pilling Resistance As Received (ISO 12945-2:2000, Martindale Abrasion & Pilling Tester, 415 g Total Loading):

<u>After 5,000 Revolutions</u>		<u>Requirement</u>
Grade	3-4	3

7 Abrasion Resistance (AS 2001.2.25.2-2006, Martindale Abrasion And Pilling Tester, 12 kPa Total Pressure):

<u>Resistance</u>		<u>Requirement</u>
Face Side	Over 50000 rubs	Min. 15,000 Rubs

Remark: According to AS2687-1997, Modified, this sample belongs to Class 5-Commercial Heavy Duty.

The above result is the average of four test specimens. In contrary to the requirement of the standard to report individual test data herein, such data will be available upon request.

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Tests Conducted (As Requested By The Applicant)

8 Determination Of The UPF Rating Of A Dry Textile (AS/NZS 4399: 2017, Appendix A):

Solar Spectrum Irradiance Used: Noon On 17 January 1990 For Melbourne (38°S)

Number Of Specimens Tested: 4

No. Of Scans: 8

The Samples Are Tested In Dry And Relaxation State.

		<u>Requirement</u>
The Mean Ultraviolet Protection Factor, UPF:	480.62	
Standard Deviation Of UPF:	44.46	
UPF Rating:	50+	-
UPF Classification:	Excellent	
% Of Mean UVA Transmittance (315-400 nm):	0.52%	
% Of Mean UVB Transmittance (290-315 nm):	0.15%	

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Tests Conducted (As Requested By The Applicant)

Determination Of The UPF Rating Of A Dry Textile (CONT'D)

Remark1: In Accordance With AS/NZS 4399:2017, A Product To Qualify For Claims Of Ultraviolet Protection Factor (UPF) Rating Only If The Product Provides Sufficient Body Surface Coverage To Offer Adequate Protection From Ultraviolet Radiation (UVR).

Remark2:

UPF Classification System (AS/NZS 4399: 2017, Clause 5 Table 1)		
UPF	Classification	Effective UVR penetration, less than or equal to (%)
15	Minimum	6.7
30	Good	3.3
50, 50+	Excellent	2.0

Note:

nm: Nanometer.

UPF: Ultraviolet Protection Factor.

End of Report

Remark: This statement of conformity is only based on the actual measured test result by the laboratory, without taking the influence of uncertainty into account.

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