

REPORT NUMBER:

NGBT06555246



TEST REPORT

Number : NGBT06555246

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

Date : Jul 07, 2020

Sample Description As Declared :

No. Of Sample : One
Fibre Content : Polyester
Material : Woven Fabric, 200G
Finishing : -
End Uses : Umbrella Canopy/Cover
Colour : Black And White Striped
Style No. : #BLACK AND WHITE STRIPE X17-I031
Order No./PO No. : -
Buyer's Name : Harvey Norman
Manufacturer's Name : -
Ref. : -

Applicant's Provided Care Instruction/Label : -

Date Received/Date Test Started : July 01, 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% Polyester".

Prepared And Checked By:
For Intertek Testing Services Ltd., Ningbo

Winnie Pan

Winnie Pan
Customer Service Manager



Intertek Testing Services Shanghai Ltd., Ningbo Branch

5/F, No.6 Building, Lingyun Industry Park, 1177 Lingyun Road,
Ningbo National Hi-Tech Zone, Ningbo, Zhejiang, 315000
上海天祥质量技术服务有限公司宁波分公司

浙江省宁波市国家高新区凌云路 1177 号凌云产业园 6 号楼 5 层 邮编:315000

Tel: +86 574 8818 3650 Fax: +86 574 8818 3680 E-mail: textile.ningbo@intertek.com Website: Intertek.com
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):

| | |
|-------|-------------------------------|
| 8 ppm | <u>Requirement</u> 100 ppm |
|-------|-------------------------------|

Remark : ppm = mg/kg

2 Fibre Analysis
AS 2001.7-2005

| | |
|----------------|----------------------------|
| 100% Polyester | <u>Marked</u> Polyester |
|----------------|----------------------------|

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

| | | |
|-----|-----|-------------------------|
| Dry | 4-5 | <u>Requirement</u> 4 |
| Wet | 4 | 3 |

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

| | | |
|-------|---|-----------------------------------|
| Grade | 5 | <u>Requirement</u> Dark 4-5 |
|-------|---|-----------------------------------|

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

| | | |
|------|--|--------------------|
| (I) | The Mean Seam Opening Under 180 N Load Within 10 Seconds | <u>Requirement</u> |
| | // To Warp | 6 mm |
| | // To Weft | 6 mm |
| (II) | The Mean Seam Opening After Reducing To 2.5 N Load For 2 Minutes | |
| | // To Warp | 6 mm |
| | // To Weft | 6 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 | 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.

Requirement

The Mean Ultraviolet Protection Factor, UPF: 1682.64

Standard Deviation Of UPF: 85.91

UPF Rating: 50+ -

UPF Classification: Excellent

% Of Mean UVA Transmittance (315-400 nm): 0.10%

% Of Mean UVB Transmittance (290-315 nm): 0.05%

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Tests Conducted (As Requested By The Applicant)

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

Remark: 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).

| 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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