



Applicant : Beijing Embfan Tech. Limited  
Room 609, Unit 2, Building 5, Zhujiang Moore International  
Building, No.1 Beiqing Road, Changping District, Beijing PRC.  
Attn : Vicky Wei

Date : Jan 09, 2024

Sample Description As Declared :

No. Of Sample : One (1)  
Fibre Content : 55% Polyester 45% PBT  
Material : Knitted Swimming Fabric  
Finishing : -  
End Uses : Adult  
Colour : Black  
Style No. : -  
Order No./PO No. : -  
Buyer's Name : BUCK SPORTS PTY LTD  
Agent's Name : Beijing Embfan Tech. Limited  
Manufacturer's Name : Embfan

Applicant's Provided Care Instruction/Label :-

Date Received/Date Test Started : Jan 04, 2024

Tests Conducted:

As Requested By The Applicant, For Details Refer To Attached Page(S)

Conclusion:

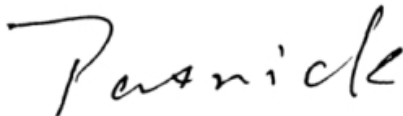
Fibre Identification \*

Determination Of The UPF Rating Of A Dry Fabric #

Remark :\*=The Fibre Label Of The Sample Should Be Rewritten As : " 100% Polyester".

#=No Comment

Authorized By :  
For Intertek Testing Services  
(Tianjin) Ltd.



Patrick Gong  
General Manager

Tests Conducted:

1 Fibre Identification (AS 2001.7-2005) :

		<u>Marked</u>
	100% Polyester	55% Polyester
		45% PBT

2 Determination Of The UPF Rating Of A Dry Fabric (AS 4399: 2020, 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.

The Mean Ultraviolet Protection Factor, UPF: 1137.23

Standard Deviation Of UPF: 52.38

Rated UPF: 50+

UPF Classification: Excellent Protection

% Of Mean UVA Transmittance (315-400 nm): 0.38%

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

Tests Conducted:

Determination Of The UPF Rating Of A Dry Fabric(Cont'd)

Remark:

UPF Classification System (AS 4399: 2020, Clause 5 Table 1)	
Rated UPF	UPF Classification
15	Minimum Protection
30	Good Protection
50, 50+	Excellent Protection

Note:

nm: Nanometer.

UPF: Ultraviolet Protection Factor.

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