



Applicant : Prime Factory Solution Pty Ltd  
Room 609, Unit 2, Building 5, Zhujiang Moore International  
Building, No.1 Beiqing Road, Changping District, Beijing Prc.  
Attn : Vicky Wei

Date : Jun 05, 2023

Sample Description As Declared :

No. Of Sample : One (1)  
Fibre Content : Polyester  
Material : Knitted Fabric, Fabric No.03 Ultra Mesh  
Finishing : -  
End Uses : Adult's Garment  
Colour : Hi Vis Orange  
Style No. : -  
Order No./PO No. : -  
Buyer's Name : Embfan Inc  
Agent's Name : Beijing Embfan Tech. Limited  
Manufacturer's Name : Embfan Inc

Applicant's Provided Care Instruction/Label :-

Date Received/Date Test Started : May 30, 2023

Tests Conducted:

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

Conclusion:

Chromaticity As Received And After Xenon Test M

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

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

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



Patrick Gong  
General Manager

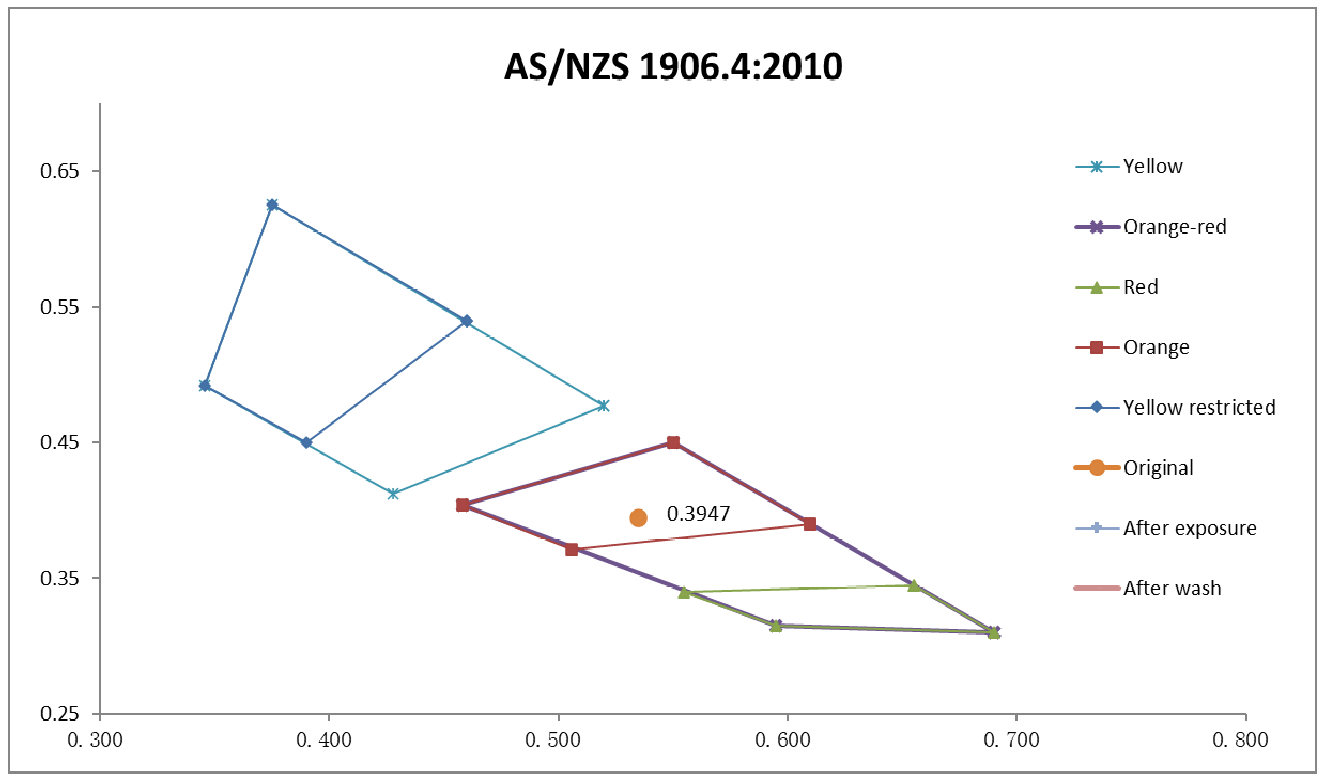
Tests Conducted:

1. Chromaticity As Received And After Xenon Test (AS/NZS 1906.4: 2010+A1: 2014, Appendix A, Clause 2.3, 2.4 , Measurements Were Made By Hunter ColorFlex EZ, D65, 45/0, 2 Degree Standard Observer, One Layer, Have A Black Underlay):

Sample Colour: Orange-red

Class: NF

	Chromaticity Coordinates		Pass/Fail	Luminance Factor	
	X	Y		Result	Pass/Fail
<u>As Received</u>	0.5346	0.3947	Pass	0.27	Pass



Tests Conducted:

Chromaticity As Received And After Xenon Test(Cont'd)

Note : 1. Based on AS/NZS 1906.4: 2010+A1: 2014, the requirement of the chromaticity coordinates and minimum luminance factor for Class F, Class RF, Class NF are as below :

Colour	Class F, RF, NF		Class F, RF	Class NF
	Chromaticity Coordinates		Minimum Luminance Factor	Minimum Luminance Factor
Fluorescent Yellow	0.520	0.477	Min 0.70	Min 0.40
	0.428	0.412		
	0.346	0.492		
	0.375	0.625		
Fluorescent Orange-red	0.690	0.310	Min 0.40	Min 0.15
	0.595	0.315		
	0.458	0.404		
	0.550	0.450		
Fluorescent Red	0.655	0.345	Min 0.25	Min 0.15
	0.555	0.340		
	0.595	0.315		
	0.690	0.310		
Fluorescent Orange	0.610	0.390	Min 0.40	Min 0.30
	0.550	0.450		
	0.458	0.404		
	0.506	0.371		
Fluorescent Yellow restricted	0.460	0.540	/	/
	0.390	0.450		
	0.346	0.492		
	0.375	0.625		

The Test Was Conducted By Intertek Testing Services Shanghai Ltd.

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