



## Test Report

Report No.: FJHJ240409240

Date: Apr.11, 2024

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Applicant Information: Applicant: Quanzhou Huanchen Trading Co., Ltd  
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### Sample Information

Sample information provided by the applicant: Sample Name: 4734219299/4734271043/951767/951857 (SWIM FABRIC)

Sample Received Date: Apr.09, 2024

Test Period: Apr.09, 2024 to Apr.11, 2024

### Summary of Test Results

Test Requested:	Conclusion
1. As specified by client, to determine the Color Fastness to Rubbing of the submitted sample.	Pass
2. As specified by client, to determine the Color Fastness to Sea Water of the submitted sample.	Pass
3. As specified by client, to determine the Color Fastness to Chlorinator Water in the submitted sample.	Pass
4. As specified by client, to determine the Color Fastness to Washing in the submitted sample.	Pass
5. As specified by client, to determine the Pilling performance of the submitted sample(s).	Pass
6. As specified by client, to determine the Phthalates content in the submitted sample(s).	Pass

Fu jian H J quality inspection technical service co., LTD

Authorized signatory



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### Test Result(s):

Test Item		Test Method	Client's Requirement	Result	Judge
Color Fastness to Rubbing (Grade)	Dry	ISO105 X12:2016	≥4	4-5	Pass
	Wet		≥3-4	4-5	
Color Fastness to Washing (Grade)	Color Staining	ISO 105-C06:2010 A2S	≥4	4-5	Pass
	Acetate		≥4	4-5	
	Cotton		≥4	4-5	
	Nylon		≥4	4-5	
	Polyester		≥4	4-5	
	Acrylic Wool		≥4	4-5	
Color Fastness to Sea Water (Grade)	Color Change	ISO 105-E02:2013	≥4	4-5	Pass
	Acetate		≥4	4-5	
	Cotton		≥4	4-5	
	Nylon		≥4	4-5	
	Polyester		≥4	4-5	
	Acrylic Wool		≥4	4-5	
Color Fastness to Chlorinator Water (Grade)		ISO 105-E03:2010 Active chlorine concentrations of 20mg/L	≥4	4-5	Pass

**Note:** - Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is worst and 5 is best.



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### 2. Pilling performance:

Test Item	Test Method	Client's Requirement	Result	Judge
Pilling performance (Grade)	GB/T 4802.1-2008 Method E	≥4	4-5	Pass

### 3. Phthalates Content :

Test Method: With reference to EN 14372:2004, analysis was performed by (GC-MS).

Test Item	CAS NO	Unit	MDL	Result	Client's Limit	Judge
DBP	84-74-2	mg/kg	40	N.D.	—	Pass
BBP	85-68-7	mg/kg	40	N.D.	—	
DEHP	117-81-7	mg/kg	40	N.D.	—	
<b>Sum of (DBP+BBP+DEHP)</b>	—	mg/kg	—	N.D.	1000	
DNOP	117-84-0	mg/kg	40	N.D.	—	
DINP	28553-12-0 68515-48-0	mg/kg	200	N.D.	—	
DIDP	26761-40-0 68515-49-1	mg/kg	200	N.D.	—	
<b>Sum of (DNOP+DINP+DIDP)</b>	—	mg/kg	—	N.D.	1000	

- Note:**
1. mg/kg=ppm= parts per million
  2. MDL = method detection limit
  3. N.D.=not detected (less than method detection limit)



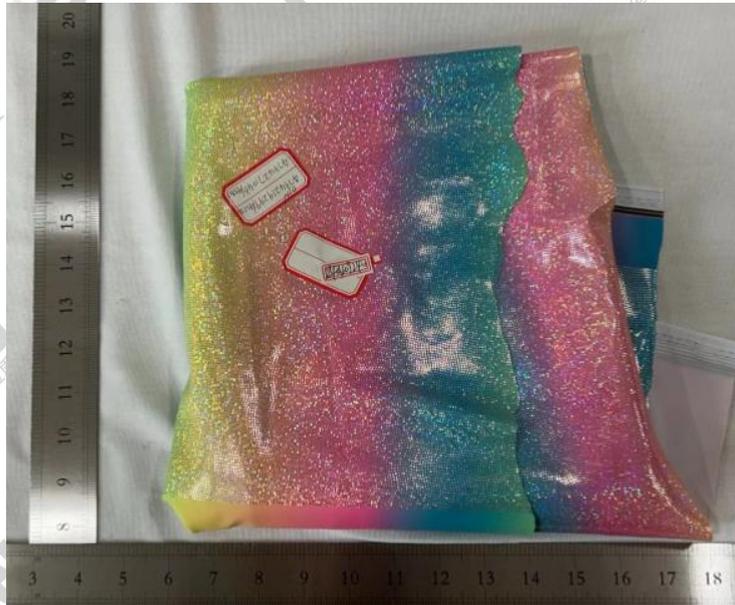
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### The Photo(s) of Sample(s)



\*\*\* Only responsible for the submitted samples \*\*\*

### Sample Description List:

Sample Description	4734219299/4734271043/951767/951857 (SWIM FABRIC)
Number of Samples	(100cm×100cm) ×1
Samples color	Color

\*\*\*End of Report\*\*\*

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