



TEST REPORT

Number : SHAT04890120

Applicant : BETA TEXTILES CO., LTD.  
SUITE 618, HUAFANG INTERNATIONAL PLAZA,  
NO.178, CHENGBEI ROAD, ZHANGJIAGANG,  
JIANGSU  
Attn : VERONICA HUANG

Date : Mar 31, 2017

Sample Description As Declared :

No. Of Sample : One (1)  
Fibre Content : 84% Polyester (ODOURBAN) 16% Spandex  
Material : Jersey Knitted Fabric  
Finishing : -  
End Uses : Garments  
Colour : Blue  
Style No. : HY173033  
Order No./PO No. : -  
Buyer's Name : -  
Manufacturer's Name : -  
Ref. : -

Applicant's Provided Care Instruction/Label : -

Date Received/Date Test Started : Mar. 29, 2017

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

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Jennifer Ren  
Assistant General Manager of Textile Division



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Tests Conducted (As Requested By The Applicant)

- 1 Fabric Moisture Management Properties As Received (AATCC 195-2012, Moisture Management Tester):  
Testing Parameter : - Pump On Time 20 seconds.  
- Measure Time 120 seconds.

<u>Liquid Moisture Management Indices</u>		<u>Average</u>	<u>Standard Deviation</u>	<u>Grade</u>
- Wetting Time (Second)	- Top Surface	3.3326	0.4005	4.5
	- Bottom Surface	3.3512	0.3713	4.5
- Absorption Rate (%/Second)	- Top Surface	68.9712	1.315	4.0
	- Bottom Surface	63.8155	1.4684	4.0
- Maximum Wetted Radius (mm)	- Top Surface	21.0	2.2361	4.0
	- Bottom Surface	24.0	2.2361	5.0
- Spreading Speed (mm/Second)	- Top Surface	3.6704	0.2073	4.0
	- Bottom Surface	3.7247	0.1686	4.0
- One-way Transport Index		-24.2045	12.3567	1.5
- Overall Moisture Management Capability (OMMC)		0.4051	0.0134	2.5

Notes :

Liquid Moisture Management Indices :

Wetting Time (Top surface and bottom surface) - The time period in which the top and bottom surfaces of the fabric just start to get wetted respectively after the test commences.

Absorption Rate (Top surface and bottom surface) - The average moisture absorption ability of the fabric top and bottom surfaces in the pump time respectively.

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Fabric Moisture Management Properties As Received (CONT'D)

Maximum Wetted Radius (Top surface and bottom surface) - The maximum wetted ring radius at the top and bottom surfaces respectively.

Spreading Speed (Top surface and bottom surface) - The accumulative spreading speed from the centre to the maximum wetted radius.

One-way Transport Index - The difference of the accumulative moisture content between the two surfaces of the fabric.

Overall Moisture Management Capability (OMMC) - An index to indicate the overall capability of the fabric to manage the transport of liquid moisture, which includes three aspects of performances:

- (1) Moisture absorption rate at bottom side
- (2) One way liquid transport capability
- (3) Moisture drying speed at bottom side, which is represented by accumulative spreading speed.

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End of Report

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