

TEST REPORT

Number : SHAT03915517

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

Date : Jun 19, 2015

Sample Description As Declared :

No. Of Sample : One
Fibre Content : 100% Polyester
Material : Knitted Fabric
Finishing : CARBONDRY FINISH
End Uses : Garment
Colour : Black
Style No. : HY152612
Order No./PO No. : -
Buyer's Name : -
Manufacturer's Name : Beta Textiles Co., Ltd.
Ref. : -

Applicant's Provided Care Instruction/Label :

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Date Received/Date Test Started : Jun 16, 2015

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



Daisy Huang
Deputy 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	2.8828	0.139	5.0
	- Bottom Surface	2.9578	0.1067	5.0
- Absorption Rate (%/Second)	- Top Surface	50.4407	1.5117	3.5
	- Bottom Surface	51.286	2.6688	3.5
- Maximum Wetted Radius (mm)	- Top Surface	25.0	0.0	5.0
	- Bottom Surface	25.0	0.0	5.0
- Spreading Speed (mm/Second)	- Top Surface	5.2483	0.1423	5.0
	- Bottom Surface	5.1411	0.1195	5.0
- One-way Transport Index		28.0737	7.6628	2.0
- Overall Moisture Management Capability (OMMC)		0.4514	0.0152	3.0



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Fabric Moisture Management Properties As Received (CONT'D)

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.

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.

End of Report

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