



Test Report

Number: SHAH00662103

Applicant: BETA TEXTILES CO.,LIMITED
Beta Textiles Co.,Limited
Suite 618, Huafang International Plaza,
No.178, Chengbei Road,
Zhangjiagang, Jiangsu

Date: 12 Apr, 2016

Sample Description:

Sample Name : 50%Polyester,45%Kwikwarm yarn,5% Spandex Jersey Fabric;Color :Claret
Stripe;Style NO.:HY 162888
Test Purpose : Entrust Test
Manufacturer : Beta Textiles Co.,Ltd

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

To be continued

Authorized By:
For Intertek Testing Services
Ltd., Shanghai

Cheng Jun
General Manager



Intertek Testing Services Ltd., Shanghai

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Tests Conducted
1 Anti-Bacterial Activity Test (Quantitative):

Washing Condition : 3 Cycles Of 12 Minutes Machine Wash At 80°F, Normal Cycle, Screen Dry.

With Reference To 2006 American Association Of Textile Chemists And Colorists, Technical Manual, AATCC Test Method 100-2012 < Antibacterial Finishes on Textile Materials: Assessment of.>

Sterilization in the autoclave (121°C, 15min) Of Sample Before Test.

Neutralizing Solution: Phosphate Buffer Solution.

Contact Time: 18-24 Hours

Incubation Temperature: 37 ± 2°C

Incubation Period: 48 Hours

Agar Medium: Nutrient Agar.

Test Culture: Staphylococcus Aureus (ATCC 6538)

Klebsiella Pneumoniae (ATCC 4352)

No. Of Test Specimen : 4 Piece/Circular/@4.8 cm In Diameter With 1.0 ± 0.1 mL Inoculum Per Trial.

Test Result:

Test organism	Concentration of bacteria (cfu/mL)	The number of bacteria recovered from (cfu/mL)			Percent Reduction Of Bacteria (%)
		/	at "0H" contact time	at "24H" contact time	
Staphylococcus aureus ATCC 6538	1.3x10 ⁵	Sample	1.8x10 ⁴	1.0x10 ²	99.9
		Control Sample	1.3x10 ⁵	3.9x10 ⁵	/
Klebsiella pneumoniae ATCC 4352	1.4x10 ⁵	Sample	1.8x10 ⁴	1.0x10 ²	99.9
		Control Sample	1.4x10 ⁵	3.1x10 ⁶	/

Sample Received Condition: Sample In Closed Plastic Bag /Package.

Preparation of sample: The submitted sample was washed for 50 wash and then subjected to the following test.

Reference Rating*:

% Reduction	Anti-Bacterial Activity
0%	Not Acceptable
< 50%	Insignificant
> 50%	Acceptable
> 95%	Acceptable & Significant

Date Sample Received: 05 Mar, 2016

Testing Period: 05 Mar, 2016 To 11 Apr, 2016

End of report

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The testing results are only valid for the sample tested. The testing data and result issued by this report are not used as the evidence of the fairness to the society in the territory of the People's Republic of China.