



CÔNG TY CỔ PHẦN - VIỆN NGHIÊN CỨU DỆT MAY

VIETNAM TEXTILE RESEARCH INSTITUTE., JSC (VTRI)

TRUNG TÂM THÍ NGHIỆM DỆT MAY

TEXTILE TESTING CENTRE (TTC)



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TEST REPORT

Test No: 104-14-02-20-1/TNX-2

Date of issue: February 19th, 2020

Client: HAN VIET COMPANY LIMITED

Address: Km14 National Highway 1A, Thanh Tri District, Hanoi

Date of Receipt: February 14th, 2020 Date(s) of performance: From Feb 14th to Feb 19th, 2020

Sample provided and identified by client

Sample Identification: Sample 1: 7Dx64mm ANTIBACTERIAL TPA PROCESSING Fibers.

Test Sample:



Test results: See the next page



The above results are Results are valid for tested samples provided by applicant only: 600 g
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Client, Sample identification and Manufacturer are introduced at client's requests.



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No.	Items		Units	Test Methods	Results
1	Average breaking strength		G/fibre	Reference to TCVN 4182: 2009	31.8
			CV (%)		2.6
	Average breaking tenacity		G/den		4.6
2	Cut length		mm	ISO 6989:1981 (Method A)	68.0
			CV (%)		9.4
3	Average crimp frequency of manufactured staple fibers		crimp/cm	ASTM D 3937- 12(2018)	4.2
			CV (%)		19.9
4 ¹⁾	Determining Antimicrobial Activity – The percent reduction of the organisms (%)	Escherichia coli ATCC 25922	0 hours (B), CFU/ml	AATCC 100-2012	1.7×10^5
			24 hour (A), CFU/ml		1.3×10^4
			% Reduction (R)		92.3
		Staphylococcus aureus ATCC 6538	0 hours (B), CFU/ml		1.7×10^5
			24 hour (A), CFU/ml		1.2×10^4
			% Reduction (R)		93.0

Remark:

- 1) Test specimens were incubated at 37°C for 24 h
CFU/ml: colony forming units per milliliter
 $R = 100 (B-A) / B$ where:
A: CFU per milliliter after the 1 hour contact time
B: CFU per milliliter at the "0" contact time

*** End of report ***

SIGNED FOR AND ON BEHALF OF VTRI



GIÁM ĐỐC TRUNG TÂM THÍ NGHIỆM
ThS. Bùi Thị Thái Nam

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