

MANUFACTURING SOLUTIONS CENTER



301 Conover Station SE; Conover, NC 28613

NatuVerex™ Copper
C/o Fine Cotton Factory Inc.
110 Belfield Road
Etobicoke, Ontario, Canada, M9W1G1

Received Date: September 25, 2020
Completed Date: October 29, 2020
Revision Date: November 5, 2020
Revised to add Description

REFERENCE: TS **161026**
 Style: SY2158
 Color: Black
 Description: DL20343

Sample Type: Knitted Fabric /Mask
Sample Form: Yardage
Size: N/A

TEST RESULTS:

AATCC TM100-2019

• Test Method for Antimicrobial Finishes on Textile Materials: Assessment of

This test is accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board. Refer to certificate and scope of accreditation L2238

<u>Testing Results:</u> tested after 100x wash/dry	Results: cfu/sample		
	Zero Contact Time	24hr Contact Time	Percent Reduction
• Staphylococcus aureus ATCC 6538	3.70E+05	1.00E+03	99.73%
• Klebsiella pneumoniae ATCC 4352	2.90E+05	1.00E+03	99.66%

Calculate % reduction to formula 10.3: $100 (C-A)/C = R$ (Eq.2)

Testing Information:

Table I - Standard Washing Machine Parameters: top loading machines with powdered detergent only

• AATCC Laboratory Procedure 1 -2018, "Home Laundering: Machine Washing"

Testing Information:

• Home Laundered 100 times using AATCC Laboratory Procedure 1-2018

Table I - Standard Washing Machine Parameters

Laundry Test Conditions: load size = 1.8kg (4lbs.). Laundry Right Side Out
Top Loading Machine Wash; Normal Cycle (III)Warm: 41+/-3C (105+/-5F)
using 66±1g 1993 AATCC Standard Reference Detergent WOB
(A) Tumble Dry Table V - Standard Drying Conditions
Type 3: 50% cotton/ 50% polyester bleached plain weave Table VII - Ballast Parameters

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Testing Information:

- Staphylococcus aureus ATCC 6538
- Klebsiella pneumoniae ATCC 4352
- Growth media: Tryptic Soy Broth
- Sample size: 1 gram
- Sterilization: none
- Neutralizing Solution: 100ml Letheen Broth w. Tween
- Target inoc. Level: $(1.0-3.0) \times 10^5$ CFU/ml
- Suspension Medium: 5% (1:20) Nutrient broth w. 0.05% Triton X-100
- Inoculum size: 1.0ml +/- 0.1ml
- Contact time: 24 h
- Temperature: 37 +/- 2° C
- Samples are tested as submitted
- Samples are prepared and enumerated using automatic equipment; Tempo, BioMerieux.
- Cultures stored at 5° +/-2°C.

Report prepared:

Cheryl Nettesheim

Cheryl Nettesheim
Antimicrobial Testing Lab
MSC – Testing Lab
(828) 327-7000 ext. 4512

cnettesheim@manufacturingsolutionscenter.org

www.manufacturingsolutionscenter.org

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