

Ginsekai Antibacterial Fiber

Ion sterilized fiber is blended in the Ginsekai Acrylic fiber; it provides superb safety and long-lasting sterilization. Ginsekai fiber has the property to inhibit the life sustaining enzymes of microorganisms from growing.

Antimicrobial Fabric Test: AATCC 100: 2004 after 20 wash cycles

Microorganism type		Initial microorganism count (CFU/Diameter 4.8cm x 4 Piece)	Microorganism count after 24 hours (CFU/Diameter 4.8cm x 4 Piece)	Microorganism reduction rate (R%)
Staphylococcus aureus ATCC No. 6538	Control group	2.0×10^5	1.2×10^7	99.9%
	Test Sample	2.0×10^5	< 100	
E. Coli ATCC No. 8739	Control group	1.1×10^5	5.8×10^8	99.9%
	Test Sample	1.1×10^5	< 100	
Pseudomonas aeruginosa ATCC No. 9027	Control group	1.9×10^5	7.4×10^8	99.9%
	Test Sample	1.9×10^5	< 100	
Pneumobacillus ATCC No. 4352	Control group	2.0×10^5	3.5×10^8	99.9%
	Test Sample	2.0×10^5	< 100	

Test information: test sample: antibacterial socks with 10% of Ginsekai fiber; Control group: 100% cotton

Source of information: SGS, Report Number: TXC1412/2012/PL

http://www.exlanfiber.com/movie_ginsekai.html



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