

Antibacterial activity data - Fibers

※An antibacterial index of >2.0 (≥99% killing ratio) of a treated article with antimicrobial agent might be considered as “Antibacterial Article”

Zeomic kneading into PET cotton (test method: JIS L 1902)

Sample name	gram-positive bacteria	
	Viable cells	Antibacterial activity rating
Blank	2.1×10 ⁶	—
Zeomic 2.0% PET cotton	ND	> 2.93
Zeomic 2.0% PET cotton/ Natural cotton =50/50	ND	> 2.93

Natural Cotton (test method: JIS L 1902)

Sample name	gram-positive bacteria		gram-negative bacteria	
	Viable cells	Antibacterial activity rating	Viable cells	Antibacterial activity rating
Blank	2.5×10 ⁶	—	2.1×10 ⁷	—
Zeomic 0.5%	ND	> 5.09	ND	> 6.02

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PP non-woven (test method: JIS L 1902)

Sample name	gram-positive bacteria		gram-negative bacteria	
	Viable cells	Antibacterial activity rating	Viable cells	Antibacterial activity rating
Blank	3.7×10^6	—	5.5×10^7	—
Zeomic 0.5g/m ²	ND	> 3.11	ND	> 3.11

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