Antibacterial activity data - Plastics

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

PP Plate (test method: JIS Z 2801)

Sample name	gram-positive bacteria		gram-negative bacteria	
	Viable cells	Antibacterial activity rating	Viable cells	Antibacterial activity rating
Blank	9.3×10^{2}	—	1.3×10^{5}	—
Zeomic 0.5%	ND	＞3.1	ND	＞5.3

ABS Plate (test method: JIS Z 2801)

Sample name	gram-positive bacteria		gram-negative bacteria	
	Viable cells	Antibacterial activity rating	Viable cells	Antibacterial activity rating
Blank	8.7×10^{4}	—	1.8×10^{6}	—
Zeomic 0.5%	ND	＞5.1	ND	＞6.5

Sinanen Zeomic Co., Ltd.
1-1 Nakagawa-honmachi, Minato-ku, Nagoya City, Aichi Prefecture
Tel: +81-52-653-3201 / Fax: +81-52-654-2369
URL: https://www.zeomic.co.jp

Antibacterial activity data - Plastics

PE Film (test method: JIS Z 2801)

Sample name	gram-positive bacteria		gram-negative bacteria	
	Viable cells	Antibacterial activity rating	Viable cells	Antibacterial activity rating
Blank	2.9×10^{3}	—	5.8×10^{5}	—
Zeomic 0.5%	ND	＞3.6	ND	＞5.9

PE Cutting Board (test method: JIS Z 2801)

Sample name	After one-month use		After four-year use	
	Viable cells	Antibacterial activity rating	Viable cells	Antibacterial activity rating
Blank	4.3×10^{5}	—	7.1×10^{5}	—
Zeomic 0.5%	ND	＞4.6	ND	＞4.8

Sinanen Zeomic Co., Ltd.
1-1 Nakagawa-honmachi, Minato-ku, Nagoya City, Aichi Prefecture
Tel: +81-52-653-3201 / Fax: +81-52-654-2369
URL: https://www.zeomic.co.jp