

Certificate of Testing (Inspection) Result

Sample No. of Issue : KGR1310013

Date of Receipt : 2011-03-10

Name of Test Sample : PVC Floor Tile

Result of Testing (Inspection)

Test Items	Unit	Sample	Results	Test Method
Dimension- Length	mm	1	455.4	KS M 3802:2008
Dimension- Width	mm	1	455.0	KS M 3802:2008
Dimension- Thickness	mm	1	2.98	KS M 3802:2008
Indent quantity [20 °C]	mm	1	0.50	KS M 3802:2008
Indent quantity [45 °C]	mm	1	0.91	KS M 3802:2008
Residual indent rate	%	1	4.9	KS M 3802:2008
Heating loss	%	1	0.1	KS M 3802:2008
Dimensional change rate by heating	%	1	0.03	KS M 3802:2008
Contamination- Soy oil	-	1	passed	KS M 3802:2008
Contamination- Lubricant	-	1	passed	KS M 3802:2008
Contamination- 95 % Ethanol	-	1	passed	KS M 3802:2008
Contamination- Cement paste	-	1	passed	KS M 3802:2008
Contamination- 10 % Ammonia liquid	-	1	passed	KS M 3802:2008
Contamination- Milk	-	1	passed	KS M 3802:2008
Contamination- 5 % Acetic acid	-	1	passed	KS M 3802:2008
Contamination- 5 % Hydrochloric acid	-	1	passed	KS M 3802:2008
Contamination- Kerosene	-	1	passed	KS M 3802:2008
Contamination- Soy sauce	-	1	passed	KS M 3802:2008



TEST CONDUCTED

TEST RESULT

(01) ANTIMICROBIAL ACTIVITY AND EFFICACY (FILM-CONTACT METHOD, JIS Z 2801:2006)

: CFU/PIECE, VALUE OF ANTIMICROBIAL ACTIVITY:log

		BLANK	#1
BACTERIA-1:	AT BEGINNING	2.9×10^5	2.9×10^5
	AFTER 24HRS.	2.0×10^5	<10
	VALUE OF ANTI-MICROBIAL ACTIVITY	-	4.3
BACTERIA-2:	AT BEGINNING	1.9×10^5	1.9×10^5
	AFTER 24HRS.	2.2×10^7	< 10
	VALUE OF ANTI-MICROBIAL ACTIVITY	-	6.3

NOTE) STANDARD FILM : STOMACHER® 400 POLY-BAG

TEST CONDITION : THE SOLUTION ARE FIXED AT $(35 \pm 1) ^\circ\text{C}$, RH 90 % FOR 24 h,
 AND DETERMINE BACTERIA CELL GROWTH INHIBITION RATE BY
 POUR AGAR PLATE METHOD.

TEST BACTERIA : BACTERIA-1 - *Staphylococcus aureus* ATCC 6538P,
 BACTERIA-2 - *Escherichia coli* ATCC 8739.

ANTIMICROBIAL EFFICACY : THE VALUE OF ANTIMICROBIAL ACTIVITY
 SHALL NOT BE LESS THAN 2.0 log

SEE ATTACHED PHOTOS

SAMPLE :



TEST CONDUCTED

TEST RESULT

- ANTIMICROBIAL ACTIVITY AND EFFICACY PHOTO : BACTERIA-1 : BLANK -



- ANTIMICROBIAL ACTIVITY AND EFFICACY PHOTO : BACTERIA-1 : #1 -



TEST CONDUCTED

TEST RESULT

- ANTIMICROBIAL ACTIVITY AND EFFICACY PHOTO : BACTERIA-2 : BLANK -



- ANTIMICROBIAL ACTIVITY AND EFFICACY PHOTO : BACTERIA-2 : #1 -

