

POLILAM NEW MATERIAL CO.,LTD

Report No: VA/2020/32418A-01

Date: 2020/03/27



THE FOLLOWING MERCHANDISE WAS(WERE) SUBMITTED AND IDENTIFIED BY THE CLIENT AS :

**Product Name :** LAVA BOARD  
**Sample packaging :** Please refer to the photos for sample shown at the page of this report  
**Sample condition/amount :** Ambient temp./24 piece  
**Item No. :** —  
**Lot. No. :** —  
**Applicant :** POLILAM NEW MATERIAL CO.,LTD  
**Applicant address/**  
**telephone number/**  
**contact person :**  
**Manufacturer/Vendor :**  
**Manufacture Date :** —  
**Expiry Date :** 2020/03/04  
**Country of Origin :** —  
**Sample Received :** a2020/03/13  
**Testing Date :** 2020/03/16  
**Test Method :** JIS Z2801  
  
**Test Result :** -Please refer to next page(s)-

Yueh Hsiao  
Yueh Hsiao/Asst. Manager  
Signed for and on behalf of  
SGS Taiwan Ltd.



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Test Organism : <i>Staphylococcus aureus</i> ATCC 6538P			
Test Group	CFU/cm <sup>2</sup>	LOG	Antibacterial activity (R)
Control test piece at 0h ( $U_o$ )	$2.1 \times 10^4$	4.32	>3.83
Control test piece after 24h ( $U_t$ )	$4.3 \times 10^3$	3.63	
Test piece after 24h ( $A_t$ )	<0.63	-0.20	

Test Organism : <i>Escherichia coli</i> ATCC 8739			
Test Group	CFU/cm <sup>2</sup>	LOG	Antibacterial activity (R)
Control test piece at 0h ( $U_o$ )	$1.4 \times 10^4$	4.14	>6.16
Control test piece after 24h ( $U_t$ )	$9.2 \times 10^5$	5.96	
Test piece after 24h ( $A_t$ )	<0.63	-0.20	

Test Organism : <i>Klebsiella pneumoniae</i> ATCC 4352			
Test Group	CFU/cm <sup>2</sup>	LOG	Antibacterial activity (R)
Control test piece at 0h ( $U_o$ )	$9.3 \times 10^3$	3.96	>5.16
Control test piece after 24h ( $U_t$ )	$9.2 \times 10^4$	4.96	
Test piece after 24h ( $A_t$ )	<0.63	-0.20	

Test Organism : <i>Salmonella</i> ATCC 14028			
Test Group	CFU/cm <sup>2</sup>	LOG	Antibacterial activity (R)
Control test piece at 0h ( $U_o$ )	$1.6 \times 10^4$	4.20	>4.31
Control test piece after 24h ( $U_t$ )	$1.3 \times 10^4$	4.11	
Test piece after 24h ( $A_t$ )	<0.63	-0.20	

Note:

- The test report merely reflects the test results of the consigned matters of the client and is not a certification of the legitimacy of the related products.
- This testing report contains 4 pages and it's invalid when they are separated.
- $U_o$  : Untreated test piece at 0h, bacteria counts should be at  $6.2 \times 10^3$  to  $2.5 \times 10^4$  CFU/cm<sup>2</sup>
- $U_t$  : Untreated test piece after 24h
- $A_t$  : Antibacterial test piece after 24h
- Antibacterial activity  $R(\log) = U_t - A_t$  ; R shall be  $\geq 2$  for Antibacterial effectiveness.
- If "Untreated test piece" can't be prepared, "Blank" may be used.
- All items in this testing report is based on the request from client and we are responsible for that.

- END -

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## PHOTO

**VA/2020/32418**

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The information requested from client is shown as below:

VA/2020/32418A-01

Test Item	Test Method	LOQ/LOD
<i>Staphylococcus aureus</i>	JIS Z2801	Please refer to the result table above
<i>Escherichia coli</i>	JIS Z2801	Please refer to the result table above
<i>Klebsiella pneumoniae</i>	JIS Z2801	Please refer to the result table above
<i>Salmonella</i>	JIS Z2801	Please refer to the result table above

The testing method has been accredited by MOHW, which is marked with ★.

The externally provided testing method has been accredited by MOHW, which is marked with ◎.