

POLILAM NEW MATERIAL CO.,LTD

Report No: VA/2020/54331A-01

Date: 2020/06/10



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

Product Name : HPL
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 : 2020/04/23
Expiry Date : —
Country of Origin :
Sample Received : 2020/05/27
Testing Date : 2020/05/28
Test Method : JIS Z2801
Test Condition : Test side was assigned by client's request
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 ²	LOG	Antibacterial activity (R)
Control test piece at 0h (U_o)	1.8X10 ⁴	4.25	>4.2
Control test piece after 24h (U_t)	1.0X10 ⁴	4.00	
Test piece after 24h (A_t)	<0.63	-0.20	

Test Organism : <i>Escherichia coli</i> ATCC 8739			
Test Group	CFU/cm ²	LOG	Antibacterial activity (R)
Control test piece at 0h (U_o)	1.0X10 ⁴	4.00	>6.16
Control test piece after 24h (U_t)	9.2X10 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 ²	LOG	Antibacterial activity (R)
Control test piece at 0h (U_o)	1.4X10 ⁴	4.14	>5.82
Control test piece after 24h (U_t)	4.2X10 ⁵	5.62	
Test piece after 24h (A_t)	<0.63	-0.20	

Test Organism : <i>Salmonella</i> ATCC 14028			
Test Group	CFU/cm ²	LOG	Antibacterial activity (R)
Control test piece at 0h (U_o)	1.6X10 ⁴	4.20	>4.98
Control test piece after 24h (U_t)	6.1X10 ⁴	4.78	
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 6.2X10³ to 2.5X10⁴ CFU/cm²
- 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 ≥ 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/2020/54331



The information requested from client is shown as below:

VA/2020/54331A-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 ©.