

TEST REPORT

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Revision: 0
Date of sample receipt: 12/09/22
Date of test: 20/09/22
Date of issue: 19/10/22

ASD LAMINAT A.S.
ISTIKLAL OSB 1 MAH. 2.CADDE NO:3
81600 BEYKOY BELDESI MERKEZ-DUZCE
TR - TURKEY

Sample name: ASD Laminate (High-pressure decorative laminate)

Plastics: evaluation of the action of microorganisms. Bacteria EN ISO 846:2019

Test material: High-pressure decorative laminate
Specimen size: 50x50 mm
Incubation conditions: 29±1°C; 95±5% ur
Time of incubation: 28 days
Microbicidal solution: ethanol/water 70:30 m/m
Test method: method C
Bacterial strain: Pseudomonas aeruginosa DSM 1253
Medium : mineral-salt agar; analytical and microbiology grade reagents
Physical property measured: change in mass / none, visual assessmet (growth, visible change)

Test results

test specimens	viasual assessment	Change in mass (mg)	Average change in mass % corrected
I 1	no visible growth, no visible change	44	-0,51%
I 2	no visible growth, no visible change	45	
I 3	no visible growth, no visible change	43	
I 4	no visible growth, no visible change	46	
I 5	no visible growth, no visible change	51	
negative control specimens			
S 1	no visible growth, no visible change	57	
S 2	no visible growth, no visible change	52	
S 3	no visible growth, no visible change	60	
S 4	no visible growth, no visible change	61	
S5	no visible growth, no visible change	69	

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The deputy director
Dr. Daniele Bergamasco
Daniele Bergamasco

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Sample name: ASD Laminate (High-pressure decorative laminate)

Plastics - Evaluation of the action of micro-organisms. Method A. EN ISO 846:2019

Test material: High-pressure decorative laminate
Specimen size: 50x50 mm
Incubation conditions: 29±1°C; 95±5% ur
Time of incubation: 28 days
Microbicidal solution: ethanol/water 70:30 m/m
Test method: method B - fungistatic effects
Fungi: Aspergillus niger DSM 1957
Penicillium funiculosum DSM 1944
Paecilomyces variotii DSM 1961
Gliocladium virens DSM 1963
Chaetomium globosum DSM 1962
Medium : complete agar medium (method B) ; analytical and microbiology grade reagents

Results

test specimens	surface assessment
I 1	0: no visible growth under the microscope
I 2	0: no visible growth under the microscope
I 3	0: no visible growth under the microscope
I 4	0: no visible growth under the microscope
I 5	0: no visible growth under the microscope

negative control specimens	surface assessment
S 1	0: no visible growth under the microscope
S 2	0: no visible growth under the microscope
S 3	0: no visible growth under the microscope

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