

TEST REPORT

No. : SHIN1909068212CM

Date : Oct 15, 2019

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CUSTOMER NAME: LINYI LINSU ENVIRONMENTAL PROTECTION MATERIAL CO., LTD.
ADDRESS: JINSHAN ROAD, ADVANCED EQUIPMENT MANUFACTURING INDUSTRIAL PARK, NEW AND HI-TECH ZONE OF LINYI CITY, SHANGDONG PROVINCE, CHINA

Sample Name : GIQIU PVC FLOORING
Product Specification : 2.0mm*2m*20m
Manufacturer : LINYI LINSU ENVIRONMENTAL PROTECTION MATERIAL CO., LTD.
Material and Mark : PVC

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Test Required : Please see the next page(s)
SGS Ref. No. : QDIN1909005467SC
Ref. Standard : Please see the next page(s)
Date of Receipt : Sep 23, 2019
Testing Start Date : Sep 23, 2019
Testing End Date : Oct 15, 2019
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Service (Shanghai) Co., Ltd.



Erin Huang
Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Flexibility	GB/T 11982.2-2015 Section 6.7	No cracks	/
2	Residual indentation	GB/T 11982.2-2015 Section 6.10	0.1mm	/
3	Chemical resistance	ISO 26987:2008	Index: 0	/
4	Color Fastness To Light	GB/T 8427-2008, Method 3	Grade 6	/
5	Slip resistance (oil-wet ramp test)	DIN 51130:2014-02	R9	/

Note: Pass : Meet the requirements;
 Fail : Does not meet the requirements;
 / : Not Apply to the judgment.

Original Sample Photo:



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1. Test item: Flexibility

Test method: GB/T 11982.2-2015 Section 6.7

Test condition:

Specimen: 250mm×50mm×2mm, 6pcs (3pcs in each direction)

Diameter of mandrel: 40mm

Lab environmental condition: 23±2℃, 50±5%RH

Test result:

Test item	Test result
Flexibility	No cracks

Note: Test specimens were cut from original sample.

2. Test item: Residual indentation

Test method: GB/T 11982.2-2015 Section 6.10

Test condition:

Specimen: 60mm×60mm×2mm, 3pcs

The diameter of indenter: 11.30mm

The total force: 500N

Maintain time: 150min

Recovery time: 150min

Lab environmental condition: 23±2℃, 50±5%RH

Test result:

Test item	Test result			
	Individual value			Average value
Residual indentation (mm)	0.07	0.06	0.07	0.1

Note: Test specimens were cut from original sample.



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3. Test item: Chemical resistance

Test method: ISO 26987:2008

Test condition:

Specimen: 100mm×100mm×2mm, 5pcs

Test time: 2h

Lab environmental condition: 23±2℃, 50±5%RH

Test result:

Test item	Test result	
Chemical resistance	Acetone	Index: 0
	Coffee (120g/L)	Index: 0
	Sodium hydroxide (25%)	Index: 0
	Hydrogen peroxide (30%)	Index: 0
	Black shoe Polish	Index: 0

Note:

- 1) Test specimens were cut from original sample.
- 2) Interpretation and presentation of results:

Index	Effect of test after cleaning / abrasion
0	Not affected
1	Slight
2	Moderate
3	Severe



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4. Test item: Color Fastness To Light

Sample description: in green

Test method: GB/T 8427-2008, Method 3

Test result:

Test Item	Test result
Color Fastness To Light Blue wool reference materials 6	Grade 6

Sample photo(s):



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5. Test item: Slip resistance (oil-wet ramp test)

Test Method: DIN 51130:2014-02 Testing of floor coverings - Determination of the anti-slip property - Workrooms and fields of activities with slip danger, walking method - Ramp test

Sample Description: Flooring, 1000mm×500mm, 1pc, see the photo(s)

Testing direction & testing surface: see the photo(s)

Test Result:

Test item(s)	Test result(s)	Classification
Slip resistance (oil-wet ramp test)	Critical angle of inclination: 6.6°	R9

Classification of oil-wet ramp test:

Classification	Angle (degrees)
R9	6°≤X≤10°
R10	10°<X≤19°
R11	19°<X≤27°
R12	27°<X≤35°
R13	>35°



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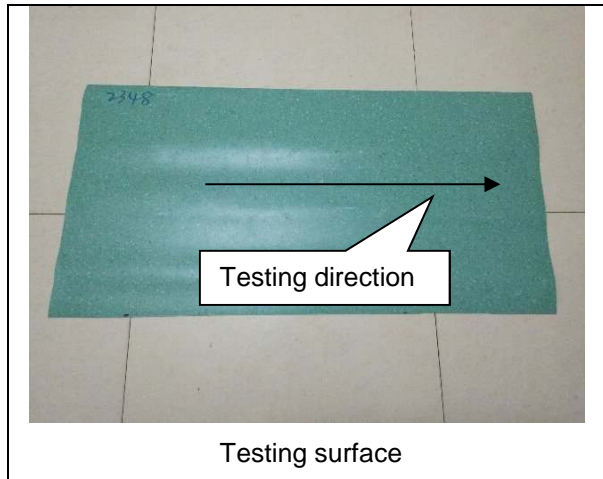
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Specimen photograph(s):



Note: The test was performed by SGS-CSTC Standards Technical Services Co., Ltd. Xiamen Branch Testing Center.

***** End of report*****

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