

TEST REPORT

No. : XMIN190902346CCM

Date : Oct.09, 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, SHANDONG PROVINCE, CHINA

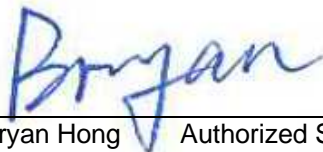
Sample Name : GIQIU PVC FLOORING
Material : PVC
Spec. : 2.0mm*2m*20m
Manufacturer : LINYI LINSU ENVIRONMENTAL PROTECTION MATERIAL CO., LTD

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 : Selected test(s) as requested by applicant
SGS Refer No. : SHIN1909068203CM; QDIN1909005466SC
Date of Receipt : Sep.26, 2019
Testing Start Date : Sep.26, 2019
Testing End Date : Oct.09, 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)

***** To be continued*****

Signed for
SGS-CSTC Standards Technical
Services Co., Ltd. Xiamen Branch
Testing Center


Bryan Hong Authorized Signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Xiamen Branch Testing Center Commercial Construction Material Laboratory

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Sample Information:

Flooring, see the photograph(s)

Test Result(s):

No.	Test item(s)	Test method(s)	Test condition(s)	Test result(s)
1	Wear resistance	GB/T 11982.2-2015 Section 6.11	Specimen: 100mm×100mm, 3pcs Condition: 23±2°C, 50±5%RH, 24h Type of wheel: S-39 Load: 1000g/wheel (total 2000g) Cycles: 5000 Abrasive rating: (21±3)g/min	F _v =1.0mm ³ /100 revolutions Wear group: T (See Annex A)

***** To be continued*****



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Annex A

Wear resistance

Test Method:

GB/T 11982.2-2015 Section 6.11

Sample Description: see photo(s)

Test Condition:

Weigh the specimens to an accuracy of ± 0.1 mg after conditioning. Load each wheel with a weight of (1 ± 0.01) kg. The flow of abrasive is (21 ± 3) g/min. Abrade one specimen during 5000 revolutions, with a break for weighing after each cycle of 1000 revolutions, and then test the two remaining specimens. If, however, the first specimen is abraded through before 5000 revolutions, discard it and test the two remaining specimen in cycles of 200 revolutions stopping the test after 2000 revolutions or when the specimen is abraded through. Calculate the average mass loss. F_m , in milligrams per 100 revolutions for each specimen as follows:

$$F_m = \frac{F_{tot}}{n} \times 100$$

Calculate the loss of volume for each specimen for 100 revolutions as follows:

$$F_v = \frac{F_m}{\rho}$$

Requirement of GB/T 11982.2-2015:

Characteristic	Requirements for wear group			
	T	P	M	F
Volume loss F_v (mm ³)/100revolutions	$F_v \leq 2.0$	$2.0 < F_v \leq 4.0$	$4.0 < F_v \leq 7.5$	$7.5 < F_v \leq 15.0$

Test Result:

Test result	Wear group
$F_v = 1.0 \text{mm}^3/100 \text{revolutions}$	T

***** To be continued*****



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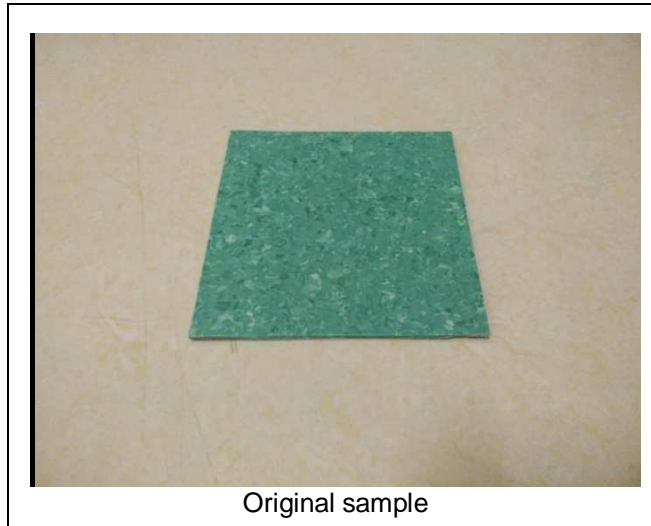
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Specimen photograph(s):



SGS authenticate the photo(s) on original report only

Note: This test report is an English version of test report No.: XMIN190902346CCM_CN dated: Oct.09, 2019 issued by SGS, this report is for reference only.

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



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