

**Test Report** No.: CZHL2011504860T **Date:** Nov 24, 2020 Page 1 of 4

QINGDAO JIANLI RUBBER & PLASTIC PRODUCTS CO., LTD.  
 DAXIZHUANG INDUSTRY PARK, JIULONG STRESS AGENCY, JIAOZHOU, QINGDAO, SHANDONG,  
 266300, CHINA

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Sample Description : ASTERISM-EPDM COMPOSITE RUBBER TILE; PAINTING-LAMINATED RUBBER TILE WITH EVOLVED LAYER

SGS No. : CZXHL20000857801  
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Sample Receiving Date : Nov 18, 2020

Testing Period : Nov 18, 2020 to Nov 24, 2020

Testing Performed : Follow selected test(s) as requested by client.

	Test Requirement	Conclusion
1	Resilient, textile, laminate and modular multilayer floor coverings - Essential characteristics in clause 4.5	See Result

\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*



Berix Li  
 Authorized Signatory



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**1. Resilient, textile, laminate and modular multilayer floor coverings - Essential characteristics in clause 4.5**

- 1) Number of test sample: 4pcs
- 2) Test details see below table:

Clause	Test Description	Result
4.5 Slip resistance	<p>The slip resistance performance of a floor covering, shall be determined by test as dynamic coefficient of friction, <math>\mu</math>, in accordance with EN 13893 under dry and non-contaminated conditions.</p> <p>NOTE The slip resistance performance of an installed floor covering can be affected by its installation, the surface treatment that is given to it, when installed, dirt accumulation and its cleaning and maintenance. For this reason, it is only possible to determine the slip resistance performance of a floor covering before its installation (ex-factory) and under dry and non-contaminated conditions. Guidance on the reduction of slip hazards is given in Annex C. When determining the slip resistance performance of the textile floor coverings, the floor covering parameters, influencing such performance, as given in D.4, shall be taken into account. The coefficient of friction, <math>\mu</math>, shall be declared, depending on the obtained result, as:</p> <p>a) <math>\mu &lt; 0,30</math>; or b) <math>\mu \geq 0,30</math>.</p> <p>Alternatively, graphic symbol may be used for expressing the performance of this characteristic. In this case, the respective pictogram specified in Annex I, shall be used.</p>	<p>No claim</p> <p>Sample 1: Machine direction: 0.69 Across machine direction: 0.68</p> <p>Sample 2: Machine direction: 0.67 Across machine direction: 0.69</p>



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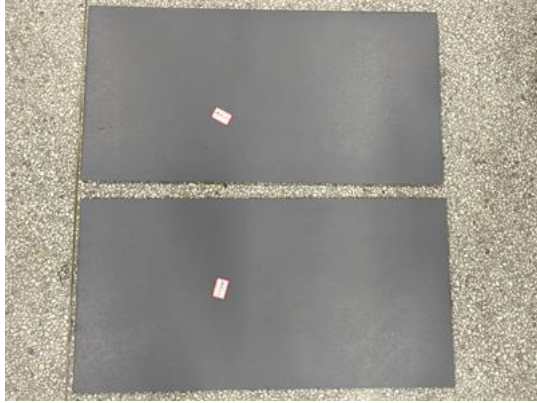
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Photo Appendix

Photo relative to received sample(s):



Received Sample 1 (front view)



Received Sample 1 (back view)



Received Sample 2 (front view)



Received Sample 2 (back view)

Result/Rating/Record Key(s)

- I. Result/Rating Keys: P = Pass = Meet; F = Fail = Not Meet; N/A = Not applicable = Not suitable; NR = NC = Test not conduct/requested per client request; TT = Test terminated due to the earlier failure of last test.
- II. Record Keys: "C:" means Claimed parameter; "A:" means Actual recorded from test; "D:" means Data for reference only.

General Report Note(s)

- A. N.B. Only applicable clauses were shown.
- B. (1) 1mg/kg = 0.0001% (2) MDL = Method Detection Limit (3) ND = Not Detected (< MDL)  
(4) "-" = Not Regulated
- C. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
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- F. The declaration of conformity is only based on the actual value of laboratory activity, measurement uncertainty of the results not taken into account.
- G. Since the above deviation of testing method is provided by the applicant, the relevant results or conclusions of this report are only made for the deviation method, SGS is not responsible for the validity of the result and /or conclusion resulted from the deviation.

\*\*\* End of Report \*\*\*



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