



# Test Report

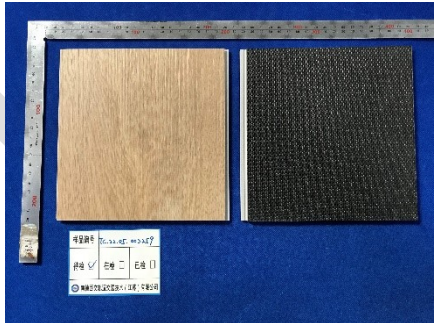
**Report No.** TC.22.05.002259

**Date of Issue** 05/30/2022

**Applicant:** CHANGZHOU HUAREN DECORATIVE MATERIAL CO.,LTD.

**Applicant address:** NO.110, CHANGHONG ROAD, WUJIN DISTRICT, CHANGZHOU CITY, JIANGSU, CHINA.

**Description of the test subject:**

Sample	Description	Photo
001	Sample Description: SPC FLOORING 1220×181×6 mm	

**Receipt Date of Sample:** 05/13/2022

**Date of Testing:** From 05/16/2022 to 05/27/2022

**Sample Submitted:** The sample(s) was (were) submitted by applicant and identified.

## Conclusion:

Test Items			Conclusion
No.	Items	Standard	
1	Thermal conductivity	EN 12667:2001	See test results
2	Dimensional stability	EN ISO 23999:2018	See test results

Note: (1) The TÜV SÜD SW Rail Transportation Technology (Jiangsu) Co., Ltd. General Terms & Conditions applied, for full content please visit <https://www.tuvsud.cn/zh-cn/terms-and-conditions>. (2) The results relate only to the sample(s) as received. (3) The test report shall not be reproduced except in full without the written approval of the company.

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## Test Results

### 1. Thermal conductivity

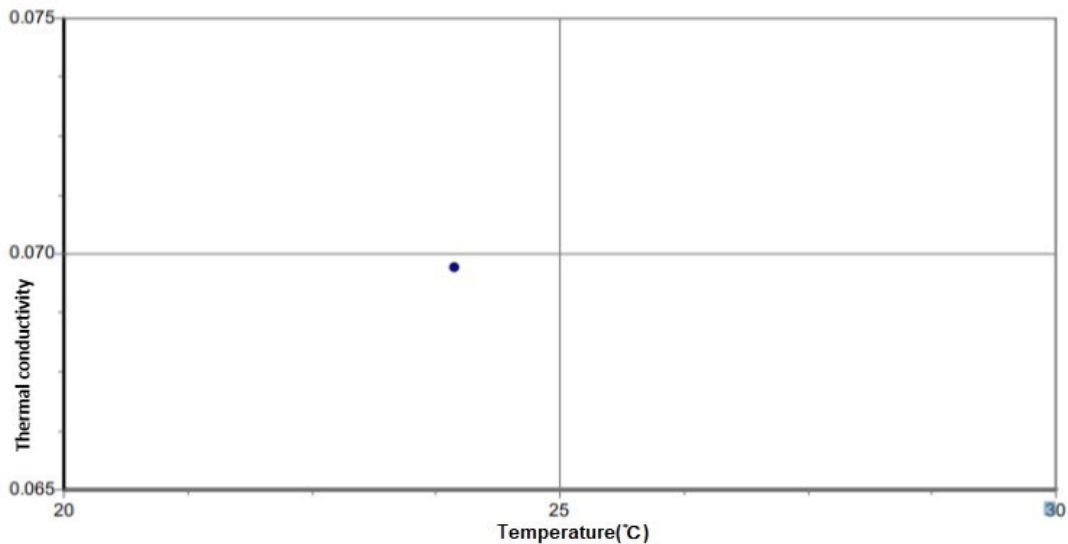
Test method: EN 12667:2001

Test environment: (23±2)°C, (50±5)%RH

Test temperature: Normal temperature

Item	Thermal conductivity (W/m·K)	Thermal resistance (m <sup>2</sup> ·K/W)
Test results	0.069788	0.071932

### Test result



Nr.	Average temperature °C	Temperature difference between two plates °C	Sample thickness cm	Thermal conductivity W/m <sup>2</sup> K	Thermal resistance m <sup>2</sup> *K/W	Temperature gradient °C
1	23.5	19.5	0.502	0.069788	0.071932	3884.46

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## 2. Dimensional stability

Test method: EN ISO 23999:2018

Test environment: (65±5)°C, (23±1)%RH

Specification: 186×180×6 mm

Item	Direction	Units	Average Result
Dimensional stability	Manufacturing direction	%	0.16
	Across manufacturing direction	%	0.17

### Test data:

Specimen No	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>1-1</sub>	L <sub>2-2</sub>	L <sub>3-3</sub>	L <sub>4-4</sub>
	Before heat exposure				After heat exposure			
1	140.47	139.87	145.32	144.96	139.19	138.89	145.43	145.29
2	139.91	139.85	144.90	144.79	138.92	139.13	145.60	145.17
3	139.60	139.58	144.69	143.89	140.32	140.07	144.11	144.26
4	139.55	139.46	144.87	144.87	139.37	139.35	144.94	145.07
5	138.59	138.58	145.02	144.89	139.50	138.91	145.44	145.20

Test results are just for internal reference.

TÜV SÜD SW Rail Transportation Technology (Jiangsu) Co., Ltd.

Drafted by:

Approved by:

-End of Report-

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