

# An Phat Bioplastics Joint Stock Company

## TEST REPORT

### SCOPE OF WORK

Luxury Vinyl Flooring

### REPORT NUMBER

250401026SHF-001

### TEST DATE(S)

2025-04-01 - 2025-04-16

### ORIGINAL ISSUE DATE

2025-04-16

### PAGES

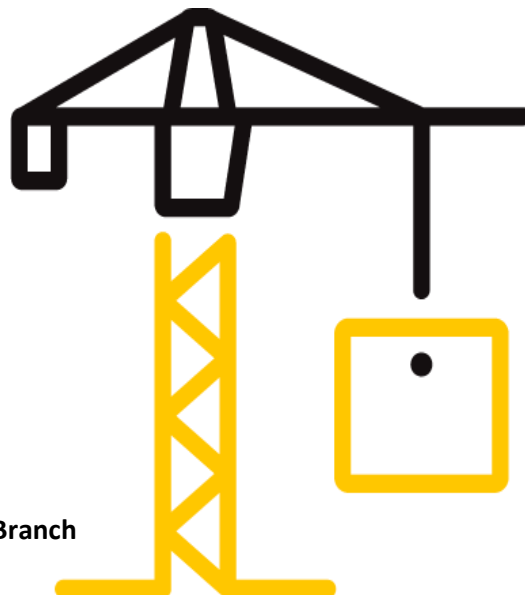
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### DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-10k(January 13, 2025)

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



## Test Report

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## Test Report

Original Issue Date: 2025-04-16

Intertek Report No. 250401026SHF-001

Applicant: An Phat Bioplastics Joint Stock Company

Address: Lot CN11+ CN12, An Dong Industrial Park Nam Sach Town, Nam Sach District, Hai Duong Province, Vietnam

Attn: Pham Tien Dung

Manufacturer: An Phat Bioplastics Joint Stock Company

Address: Lot CN11+ CN12, An Dong Industrial Park Nam Sach Town, Nam Sach District, Hai Duong Province, Vietnam

Test Type: Performance test, samples provided by the applicant.

### Product Information

Product Name	Model	Specification
Luxury Vinyl Flooring	LVT Flooring	1220 x 178 x 2mm
Sample ID	Sample Amount	Sample Received Date
S250401026SHF.001	65 pcs	2025-03-27
Sample Description		
1220 x 178 x 2mm		

### Test Methods And Standards

Test Standard	ASTM E90-23
Specification Standard	ASTM E413-22
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

#### Note:

1. This report does not involve sampling. The report only reflects conformity of the tested items of the samples provided by the testing applicant. Representativeness and authenticity of the submitted samples are responsibilities of the testing applicant.

### Report Authorized

  
  
Name: Jodie Zhou  
Title: Reviewer  
  
Name: Jackie Zhou  
Title: Project Engineer

## Test Report

Original Issue Date: 2025-04-16

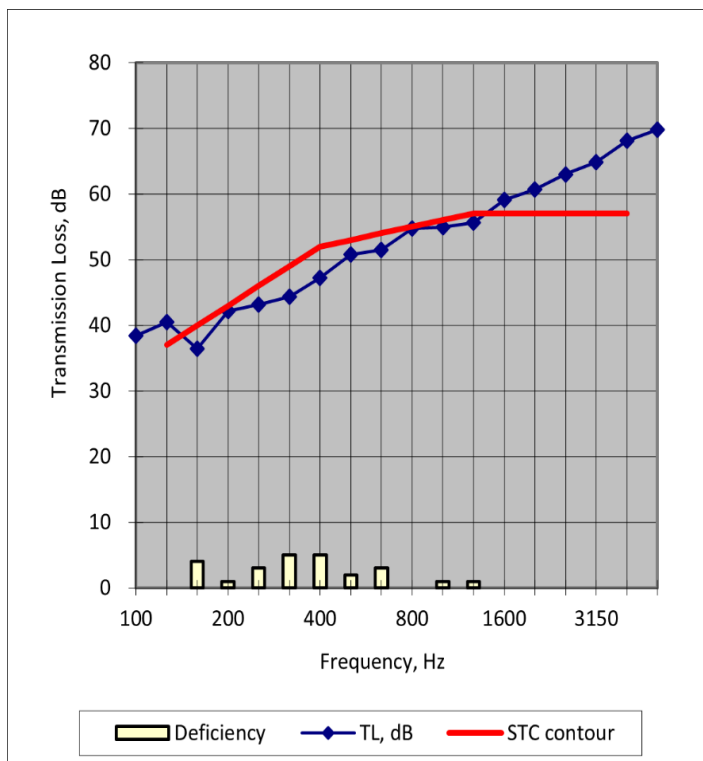
Intertek Report No. 250401026SHF-001

### Test Items, Method and Results:

Test Item: Laboratory Measurements of Airborne Sound Transmission Loss  
Test method: ASTM E90-23  
Temperature: 20 °C Relative Humidity: 40 %  
Volume of Source Room: 77 m<sup>3</sup> Volume of Receiving Room: 112 m<sup>3</sup>  
Specimen area: 12.4 m<sup>2</sup>  
Floor Assemblies: The system consisted of 150mm thick concrete floor, the 2.0mm Luxury Vinyl Flooring were placed on the concrete floor.

Mounting of the specimen: Laying on the floor

Frequency (Hz)	TL (dB)
100	38.4
125	40.5
160	36.4
200	42.1
250	43.1
315	44.3
400	47.2
500	50.8
630	51.5
800	54.7
1000	55.0
1250	55.6
1600	59.1
2000	60.6
2500	63.0
3150	64.9
4000	68.1
5000	69.8



**Calculated Sound Transmission Class: STC 53**

Note:

1. TL = Transmission loss
2. Classified STC in accordance with ASTM E413-22, Classification for Rating Sound Insulation. The methods of calculating single- number acoustical ratings for laboratory measurement of sound attenuation obtained in one-third octave bands.
3. The STC was for the whole floor assemblies.

## Test Report

Original Issue Date: 2025-04-16

Intertek Report No. 250401026SHF-001

### Appendix A: Test Photos



Test set up

## Test Report

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### Appendix B: Sample Received Photo



### Revision:

NO.	Date	Changes
250401026SHF-001	2025-04-16	First issue