

Test Report

Report Number:150421006SHF-BP-1

Applicant Name: Taizhou Huali Plastic Co., Ltd

Original Report Date: May 11, 2015

Applicant Address: Zhangdian Industrial Zone, Jiangyan,
Jiangsu Prov., P.R.China

Attn: Philip Yuan

Sample Description:

Product: PVC flooring
Model: Click 150×1220×3.2×0.3mm
Samples Quantity: 12 pieces
Sample ID: S150421006SHF-001~012
Date Received: 2015-04-16
Date Test Conducted: 2015-04-21~2015-05-11

Tests Conducted:

Test Methods: Please see the next page(s)

Conclusion:

For details refer to attached page(s).
The conclusions of this test report may not be used as part of the requirements for Intertek product certification.
Authority to Mark must be issued for a product to become certified.

Should you have any queries about the test report, please contact:

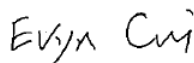
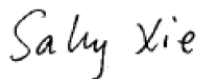
Approved by: **Checked by:** **Prepared by:**Sun Sun
Assistant ManagerSally Xie
Technical supervisorEryn Cui
Assistant Engineer

Table 1 Test results based on ASTM F1700-13a Standard Specification for Solid Vinyl Floor Tile

Test item	Test method	Requirement	Test result	Verdict
Residual indentation	ASTM F1914-07(R2011)	Average residual indentation \leq 8% Max residual indentation \leq 10%	Average: 3.3% Max: 3.5%	Pass
Flexibility	ASTM F137-08(R2013)	No crack or break when using Φ 25.4mm mandrel	No crack or break	Pass
Resistance to Chemicals	ASTM F925-13	No more than a slight change in surface dulling, surface attack or staining	See Appendix B for details	Pass
Resistance to Heat	ASTM F1514-03(R2013)	ΔE^* shall not greater than 8.0 after 7 days exposure to 70°C	$\Delta E^* = 0.69$	Pass
Resistance to Light	ASTM F1515-03(R2008)	ΔE^* shall not greater than 8.0 after a 300h exposure	$\Delta E^* = 0.98$	Pass

Appendix A: Sample photos



Sample received

ORIGINAL

Appendix B: Test result of Resistance to Chemicals

Regent	Rating		
	Surface attack	Color change	Surface dulling
White vinegar (5% acetic acid)	0	0	0
Rubbing alcohol (70% isopropyl alcohol)	0	0	0
White mineral oil (medicinal grade)	0	0	0
Sodium hydroxide solution (5% NaOH)	0	0	0
Hydrochloric acid solution (5% HCl)	0	0	0
Sulfuric acid solution (5% H ₂ SO ₄)	0	0	0
Household ammonia solution (5% NH ₄ OH)	0	0	0
Household bleach (5.25% NaOCl)	0	0	0
Olive oil (light)	0	0	0
Kerozene (K1)	0	0	0
Unleaded gasoline (regular grade)	0	0	0
Phenol (5% active phenol)	0	0	0

According to ASTM F925-13, rating 0-3 represents:

0 = no change; 1 = slight change; 2 = moderate change; 3 = severe change.

Surface Dulling - Indicating that the specimen suffered from a loss of gloss,

Color Change - Indicating that the specimen suffered discoloration or bleaching, or both, and

Surface Attack - Indicating that the specimen suffered surface damage such as softening, warping, swelling, blistering, peeling, raised or rough area.

The End of Report

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