

Material and Engineering Laboratory-Taichung

TEST REPORT



REPORT NO. TV-18-04017A
PAGE NO. 1 OF 3
DATE: Oct. 29, 2018

PROWANG ENTERPRISE INC.
NO. 55, FENGTIAN RD., DAPI SHIANG, YUNLIN COUNTY 63147, TAIWAN

Product Name	PVC Corrugated Foam Roof Sheets/ Side Wall
Manufacturer	PROWANG ENTERPRISE INC.
Supplier	PROWANG ENTERPRISE INC.
Product Submitted By	PROWANG ENTERPRISE INC.
Date of Sample Received	Oct. 11, 2018
Date of Testing	Oct. 11, 2018~Oct. 29, 2018
Remark	The information mentioned in the above section is provided by Client (Exclude Date of Sample Received and Date of Testing)

The laboratory tests according to the test requests and samples provided by client, and the results are as follows:

Test Request :

1. Tensile Strength
2. Flexural Strength
3. Impact Strength
4. Compressive Strength

Test Method :

1. ASTM D638-14 Standard Test Method for Tensile Properties of Plastics
2. ASTM D790-17 Standard Test Method for Flexural Properties of Unreinforced and Reinforce Plastics and Electrical Insulating Materials
3. ASTM D256-10^{e1} Standard Test Methods for Determining the Izod Pendulum Impact Resistance of Plastics
4. ASTM D695-15 Standard Test Method for Compressive Properties of Rigid Plastics

Test Result :

- PLEASE SEE ATTACHED SHEETS -
- - -1- - -

The required specification(s) offered in this test report is/are for reference only.
The conformity judgment is at the Applicant's final verdict.

Wang Hsing Hsun
Signed for and on behalf of
SGS/Taiwan Ltd.

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TEST REPORT



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Test Apparatus :

Name	Brand	Model
IZOD Impact Tester	INSTRON	CEAST 9050
50kN Tensile Machine	INSTRON	5969

Test Item : Tensile Strength

Test Conditions :

1. Test Lab: 23±2°C, 50±5%RH
2. Specimen Type : Type I
3. Test Speed: 5mm/min

Test Result :

Test Item	Result
Tensile Strength(kgf/cm ²)	339

Test Item : Flexural Strength

Test Conditions :

1. Test Lab: 23±2°C, 50±5%RH
2. Specimen Size : Length 127mm, Width: 12.7mm, Thickness: 3.2mm
3. Test Procedure: A

Test Result :

Test Item	Result
Flexural Strength(kgf/cm ²)	780

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Test Item : Impact Strength

Test Conditions : 1. Test Lab:23±2°C,50±5%RH
2. Pendulum Energy:5.5J, Specimen Broken Type :Complete Break
3. Test Method :A

Test Result :

Test Item	Result
Impact Strength(kJ/m ²)	3.12

Test Item : Compressive Strength

Test Conditions : 1. Test Lab:23±2°C,50±5%RH
2. Test Speed:1.3mm/min

Test Result :

Test Item	Result
Compressive Strength(kgf/cm ²)	363

Note : 1. The Tensile Strength, Flexural Strength and Compressive Strength are accredited by TAF.

2. This Test Report is an additional original report of TV-18-04017 Issued date : Oct. 29, 2018

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