

TEST REPORT

REPORT NO.: HV-10-08427XA

PAGE: 1 OF 5

DATE: DECEMBER 30, 2010

PROWANG PLASTIC CO., LTD.

NO.55, FENGTIAN RD., DAPI SHIANG,
YUNLIN COUNTY 63147, TAIWAN (R.O.C)

The following merchandise was submitted and identified by the vendor as:

Product Description : PLAWOOD
Style/Item No. : W-800
Manufacturer/Vendor : PROWANG PLASTIC CO., LTD.
Country of Origin : Taiwan

We have tested the submitted sample(s) as requested and the following results were obtained :

Test Required : (According to client's test specification, please see following sheets in detail.)

- (1) Tensile Strength & Modulus of Elasticity
- (2) Flexural Strength
- (3) Compressive Strength

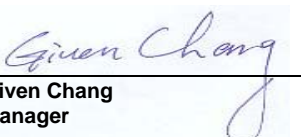
Test Result :

-PLEASE SEE ATTACHED SHEETS-

Date of Receive : DECEMBER 24, 2010

Date of Testing : DECEMBER 24, 2010 ~ DECEMBER 27, 2010

Signed for and on behalf of
SGS Taiwan Ltd.


Given Chang
Manager

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(1) Tensile Strength & Modulus of ElasticityTest Equipment:

Name	Brand	Model
Universal Material Testing Machine	INSTRON	5969

Lab Environmental Conditions:

Ambient temperature: 23±2°C

Relative humidity: 50±5%RH

Test Method/ Specification:

ASTM D638-08 Standard Test Method for Tensile Properties of Plastics

Test Conditions:

Tensile Strength : V = 5 mm/min

Modulus of Elasticity : V = 1 mm/min

Average Width : 13.77 mm

Average Thickness : 9.98 mm

Test Result:Tensile Strength: 124 kgf/cm² (12.2 MPa) (1762 psi)Modulus of Elasticity: 19339 kgf/cm² (1897 MPa) (274818 psi)

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(2)Flexural StrengthTest Equipment:

Name	Brand	Model
Universal Material Testing Machine	INSTRON	5969

Lab Environmental Conditions:

Ambient temperature: 23±2°C

Relative humidity: 50±5%RH

Test Method/ Specification:

ASTM D790-07e1 Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials (Procedure A)

Test Conditions:

Rate of crosshead motion : 4.270 mm/min
Average Width : 12.63 mm
Average Depth : 10.06 mm
Support Span : 120 mm
Diameter of the loading nose and supports : 10 mm

Test Result:100 kgf/cm² (9.81 MPa) (1421 psi)

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(3) Compressive StrengthTest Equipment :

Name	Brand	Model
Universal Material Testing Machine	INSTRON	5569

Lab Environmental Conditions :

Ambient temperature: 23±2°C

Relative humidity: 50±5%RH

Test Method :

ASTM D695-08 Standard Test Method for Compressive Properties of Rigid Plastics

Test Conditions :

Rate of Compression : 1.3 mm/min

Average Width : 12.61 mm

Average Depth : 12.55mm

Average Height : 25.33mm

Test Result :146 kgf/cm² (14.3MPa) (2075 psi)

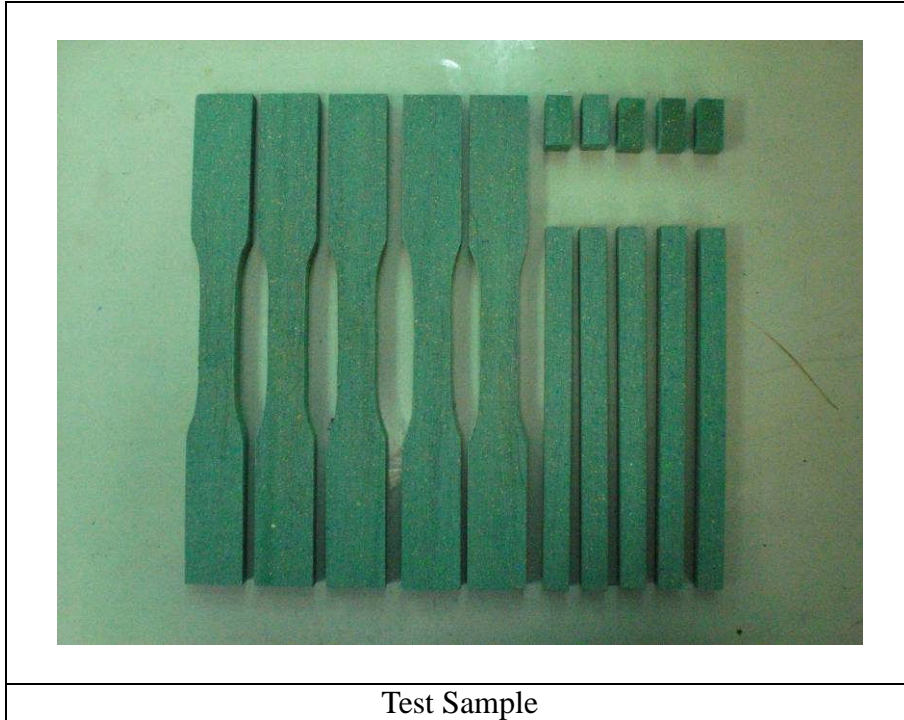
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Test Photo :



— The End of Test Report —