MITSUBISHI PLASTICS, INC.
HEAD OFFICE: 1-1-1, Marunouchi, Chiyoda-ku, Tokyo 100-8252, Japan
TELEPHONE: +81-3-6748-7409
FACSIMILE: +81-3-3218-7554

(140625160841)

Date: Jun. 25. 2014

Quality Certificate

Messrs. :STIMEX CORPORATION

Name of Product

HISHI PLATE 101HT(Dark Gray)
or ヒシプレート 101HT(Dグレー)

Dear Sirs,
We certify that the article has been duly manufactured and inspected in accordance with the undermentioned specifications.

1.Material specification

Rigid Chlorinated Polyvinyl Chloride Plate(Rigid CPVC Plate)

2.Size

1000mm×2000mm×60.0mm

3.Process

Blending and mixing CPVC resin, stabilizer and pigment at it's fixed amount. Sheeted by calender machine. Laminated calendering sheets by hot pressing process.

4.Tolerance

	Size	Tolerance
Width	1000mm	-0mm, +10mm
Length	2000mm	-0mm, +20mm
Thickness	60.0mm	-0.0mm, +6.0mm

MITSUBISHI PLASTICS, INC.

(140625100841)

5.Properties

Item	Unit	Test Method	Value
Tensile yield strength	MPa	JIS K 7162	Over 50
Tensile modulus of elasticity	MPa	JIS K 7162	Over 2,500
Charpy impact strength	kJ/m^2	JIS K 7111-1	Over 2
Vicat softening temperature	℃	JIS K 7206	Over 95
Thermal shrinkage	%	JIS K 6745	Within -7～+0
Lamination property	-	JIS K 6745	Not to split

6.Chemical Resistance

Item	Unit	Test Method	Value
Distilled water	mg/cm^2	JIS K 6745	Within ±0.15
30% Sulphuric acid			Within ±0.12
35% Hydrochloric acid			Within ±0.20
40% Nitric acid			Within ±0.20
10% Sodium chloride solution			Within ±0.15
40% Sodium hydroxide solution			Within ±0.10

Sincerely yours,

MITSUBISHI PLASTICS, INC.

H. Masano

Hiroharu Masano
Senior Manager
Composite Materials Department