

TEST REPORT



REPORT NO. : HV-15-07317X

PAGE : 1 OF 3

REPORT DATE : Dec. 30, 2015

HSIN HWA CHEMICAL CO.,LTD.

NO.1 YUNG-SHIANG ROAD, FANG-LIO HSIANG, 940, PINTUNG HSIEN, TAIWAN

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

Product Name : CAST ACRYLIC SHEET
Product Type : 0.118"eHHOOO
Product Color : Transparent
Manufacturer/Vendor : HSIN HWA CHEMICAL CO.,LTD.

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.)

Burning Test

Test Result :

-PLEASE SEE ATTACHED SHEETS-

Date of Receive : DECEMBER 11, 2015

Date of Testing : DECEMBER 11, 2015 ~ DECEMBER 30, 2015

Note : The sample was transferred by SGS M&E Laboratory- Kaohsiung.

(Application No. KV-15-11780W. Received date: Dec.09.2015) for the testing item(s) as below to be performed in SGS M&E-Laboratory- Taipei.

Signed for and on behalf of
SGS Taiwan Ltd.

TEST REPORT



REPORT NO. : HV-15-07317X

PAGE : 2 OF 3

REPORT DATE : Dec. 30, 2015

Burning Test

Test Equipment :

Name	Brand	Model
150mm Dial Calipers	Mitutoyo	505-681
Horizon Vertical Flame Chamber	ATLAS	HVUL2

Lab Environmental Conditions :

Ambient temperature : $23\pm 2^{\circ}\text{C}$
Relative humidity : $50\pm 5\%\text{RH}$

Test Method :

ASTM D635-10

Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position

Test Condition :

Conditioning : Specimens are to be preconditioned at $23\pm 2^{\circ}\text{C}$ and $50\pm 5\%$ percent relative humidity for 48 hours

Test Result :

Test Items	Specimen					Requirement
	1	2	3	4	5	
Thickness(mm)	2.88	2.92	2.94	2.90	2.89	-
A burning rate over a 75mm span for specimens(mm/min) (The flame front passed the 25mm mark)	30.7	28.4	30.4	31.1	32.6	Not have a burning rate exceeding 75 mm/min
Whether or not the flame front passed the 25mm marks	YES	YES	YES	YES	YES	-
Whether or not the flame front passed the 100mm marks	YES	YES	YES	YES	YES	-

Test Items	Specimen					Requirement
	6	7	8	9	10	
Thickness(mm)	2.88	2.88	2.94	2.92	2.94	-
A burning rate over a 75mm span for specimens(mm/min) (The flame front passed the 25mm mark)	28.0	29.9	30.6	30.1	33.3	Not have a burning rate exceeding 75 mm/min
Whether or not the flame front passed the 25mm marks	YES	YES	YES	YES	YES	-
Whether or not the flame front passed the 100mm marks	YES	YES	YES	YES	YES	-

Material & Engineering Laboratory-Taipei

TEST REPORT

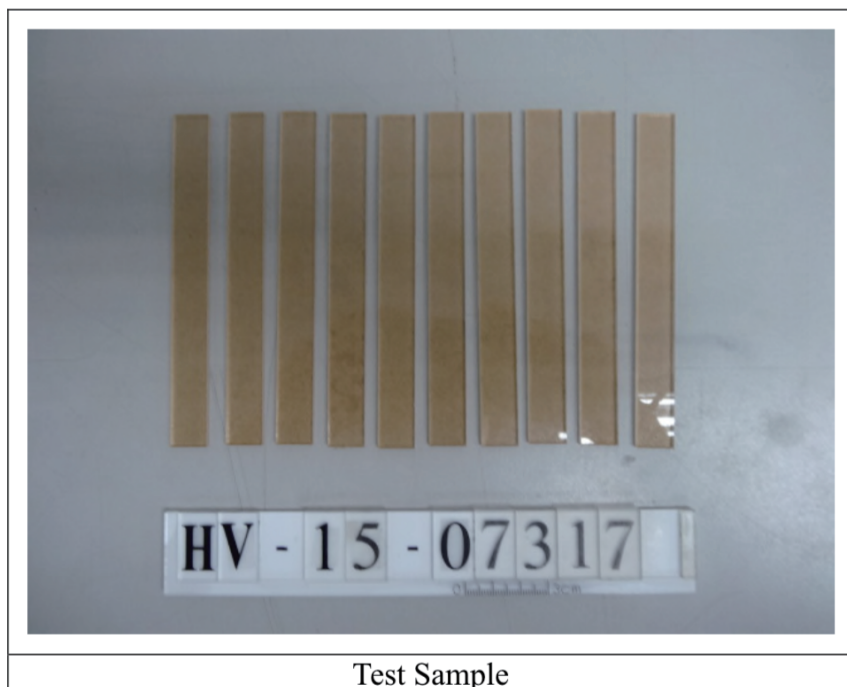


REPORT NO. : HV-15-07317X

PAGE : 3 OF 3

REPORT DATE : Dec. 30, 2015

Test Photo :



Test Sample

----- o O o -----