



## TEST REPORT

Mechanical & Hardgoods Laboratory

Report No. : YA70006/2014

Page No. : 1 of 3

Date : JUL. 09, 2014

### YIH TAI PLASTICS INDUSTRY CORPORATION

NO. 136, LANE 2, SECTION 1, DONG FANG ROAD, HU NEI DISTRICT,  
KAOHSIUNG CITY, TAIWAN, ROC

#### The following merchandise was submitted and identified by the applicant as:

Product Description: PVC FOLDING DOOR  
Manufacturer/Vendor: YIH TAI PLASTICS INDUSTRY CORPORATION  
Country of Origin: TAIWAN

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

Test Requested: To comply with EN 1191: 2012 Windows and doors – Resistance to repeated opening and closing – Test method

Test Method: To comply with EN 1191: 2012 Windows and doors – Resistance to repeated opening and closing – Test method

Test Result: --See following sheet(s)--

Date of Receipt: JUL. 01, 2014

Testing Period: JUL. 01 ~ 09, 2014

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Signed for and on behalf of  
SGS Taiwan Ltd.

Tenya Chien  
Supervisor

Laboratory address:  
61, Kai-Fa Road, Nanzih Export Processing Zone, 81170, Kaohsiung, Taiwan

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### Test Result

Folding	Operating force (N)	Result
Original	4.1	1. $V = 90.24\%$ 2. No wearing or damage is observed on sample.
After 2,500 cycles	4.6	
After 5,000 cycles	5.2	
After 7,500 cycles	6.3	
After 10,000 cycles	7.8	

### **\*Remark:**

1. Test stroke: 500mm
2. Test Rate:  $7 \pm 1$  cycles/per min.
3.  $V$  is percentage variation in performance

$$V(\%) = 100 \left( \frac{P_e}{P_i} - 1 \right)$$

where:  $V$  is the percentage variation in performance;  
 $P_e$  is the operating force measured after the test;  
 $P_i$  is the operating force measured before the test.

4. Actual specimen size: Height: 2040 mm × Width: 853 mm × Thickness: 6 mm;  
Mass: 3.90 kg
  5. Specimen's material: PVC
  6. Lab Environmental Conditions:  
Ambient temperature:  $23 \pm 2$  °C; Humidity:  $55 \pm 5\%$  R.H.
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– Picture(s) –

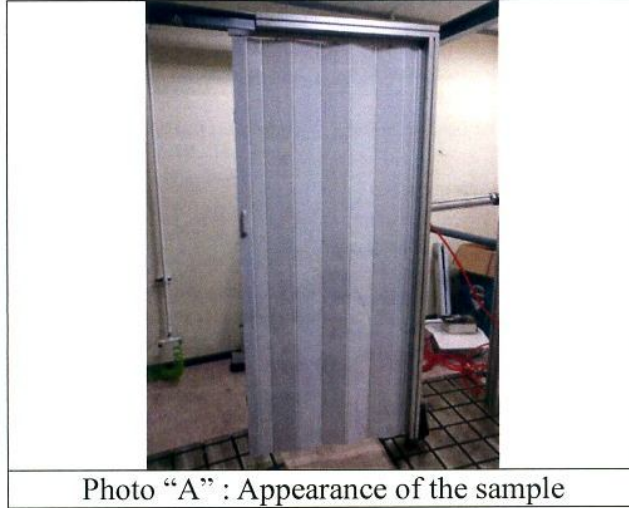


Photo "A" : Appearance of the sample

--- End of Report ---

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