

TEST REPORT

No. : SHIN1606029767MR

Date : Jun 22, 2016

Page: 2 of 6

Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Flexural Strength	GB/T 7134-2008 Section 6.5.1 & GB/T 9341-2008	119 MPa	/
2	Rockwell Hardness	GB/T 7134-2008 Section 6.5.4 & GB/T 3398.2-2008	111 L	/
3	Tensile Strength	GB/T 7134-2008 Section 6.5.2 & GB/T 1040.1-2006 & GB/T 1040.2-2006	79.9 MPa	/
	Tensile Stress at Break		8.0 %	/
4	Total Luminous Transmittance	GB/T 7134-2008 Section 6.8.1 & GB/T 2410-2008	93.3%	/

Note: Pass : Meet the requirements;
 Fail : Does not meet the requirements;
 / : Not Apply to the judgment.

TEST REPORT

No. : SHIN1606029767MR

Date : Jun 22, 2016

Page: 3 of 6

1. Test Item: Flexural Test

Sample Description: Transparent plastic board

Test Method: GB/T 7134-2008 Section 6.5.1 & GB/T 9341-2008

Test Condition:

Specimen: 80mm×10.024mm×3.906mm

Testing speed: 2.0 mm/min

Span: 64 mm

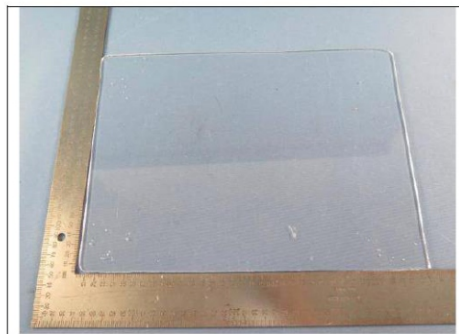
Lab Environmental Condition: 23 ± 2 °C, 50 ± 5 %RH

Test Result:

Test Item	Test Result
Flexural Strength	119 MPa

Note: Test specimens were cut from the sample.

Sample Photo:



TEST REPORT

No. : SHIN1606029767MR

Date : Jun 22, 2016

Page: 4 of 6

2. Test Item: Rockwell Hardness

Sample Description: Transparent plastic board

Test Method: GB/T 7134-2008 Section 6.5.4 & GB/T 3398.2-2008

Test Condition:

Specimen thickness: 8.05 mm (2 layers plied up)

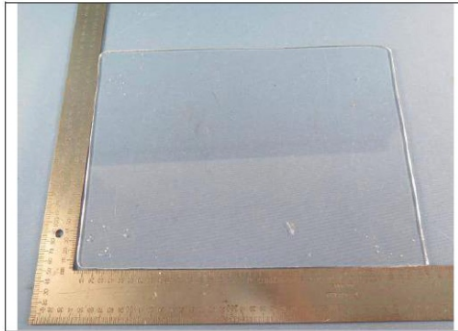
Lab Environmental Condition: 23 ± 2 °C, 50 ± 5 %RH

Test Result:

Test Item	Test Result
Rockwell Hardness	111 L

Note: Test specimens were cut from the sample.

Sample Photo:



TEST REPORT

No. : SHIN1606029767MR

Date : Jun 22, 2016

Page: 5 of 6

3. Test Item: Tensile Test

Sample Description: Transparent plastic specimen

Test Method: GB 7134-2008 Section 6.5.2 & GB/T1040.1-2006 & GB/T1040.2-2006

Test Condition:

Specimen width of narrow section: 9.502 mm

Specimen thickness: 14.797 mm

Testing speed: 5 mm/min

Gauge length: 50 mm

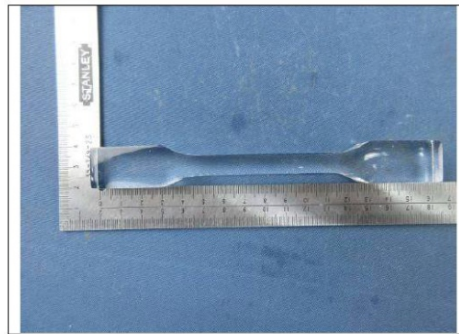
Grip separation: 115 mm

Lab Environmental Condition: 23 ± 2 °C, 50 ± 5 %RH

Test Result:

Test Item	Test Result
Tensile Strength	79.9 MPa
Tensile Stress at Break	8.0 %

Sample Photo:



TEST REPORT

No. : SHIN1606029767MR

Date : Jun 22, 2016

Page: 6 of 6

4. Test Item: Total Luminous Transmittance

Sample Description: Transparent plastic plate

Test Method: GB/T 7134-2008 Section 6.8.1 & GB/T 2410-2008

Test Condition:

Specimen thickness: 3.96mm

Light source: C

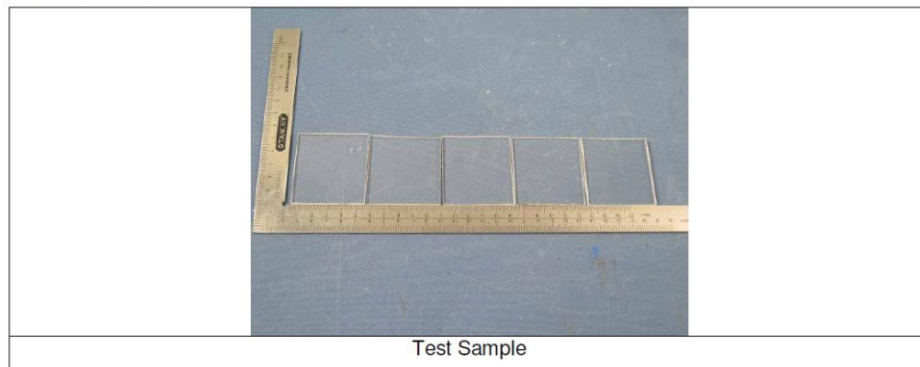
Lab Environmental Condition: 23±2°C, 50±5%RH

Test Result:

Test Item	Test Result
Total Luminous Transmittance	93.3%

Note: Test specimens were cut from the sample.

Sample Photo:



- The test report is an English version of report No.: SHIN1606027640MR_CN dated: Jun 16, 2016 issued by SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd, if any difference, the Chinese version will be the final decision.
***** End of report*****