



国家化学建筑材料测试中心

NATIONAL
TEST CENTER
OF POLYMER AND
BUILDING MATERIALS



220020349451



中国认可
国际互认
检测
TESTING
CNAS L1049

National Test Center of Polymer & Building Materials

Address: No. 14, Beisanhuandonglu, Chaoyang District, Beijing, China Post Code: 100013

Tel: +86(0)1064208747, +86(0)1064200694, +86(0)1064224642, +86(0)1059202479

Fax: +86(0)1059202784, +86(0)1084290301

Web site: www.plastictest.net

No.2022(X)05126

CUSTOMER:

ANHUI MAIMING ACRYLIC TECHNOLOGY LTD.

SAMPLES FOR TESTING

Name:

Cast Acrylic Sheet

Manufacturer:

/

Brand:

MAIMING

Appearance:

Transparent sheet

Thickness:

4.5mm

DATE OF RECEIPT:

2022-03-08

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DIRECTOR:

杨红浩

CHECK:

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TESTING RESULTS

No.2022(X)05126

No.	Test Item	Requirement (Colourless)	Result	Test method
1	Thickness, mm	4.5 ± 0.5	4.6	GB/T 7134-2008 6.4
2	Tensile strength, MPa	≥ 70	79.9	GB/T 7134-2008 6.5.2
3	Tensile strain at break, %	≥ 3	3.3	GB/T 7134-2008 6.5.2
4	Elastic tensile modulus, MPa	≥ 3000	3.07×10^3	GB/T 7134-2008 6.5.2
5	Charpy unnotched impact strength, kJ/m ²	≥ 17	20 (C)	GB/T 7134-2008 6.5.3
6	Vicat softening temperature(B ₅₀), °C	≥ 100	118	GB/T 7134-2008 6.6.1
7	Change of dimensions at elevated temperature (shrinkage), %	≤ 2.5	1.7	GB/T 7134-2008 6.6.3/附录A
8	Total luminous transmittance(4.7mm), %	≥ 91	94.2	GB/T 7134-2008 6.8.1

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Test: 刘云鹏 任雪剑 刘张硕 苏肖群



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TESTING RESULTS

No.2022(X)05126

No.	Test Item		Requirement (Colourless)	Result	Test method
9	420nm luminous transmittance, %	Before exposure to xenon lamp	≥ 90	92.1	GB/T 7134-2008 6.8.3
		After exposure to xenon lamp for 1000h	≥ 88	88.5	GB/T 7134-2008 6.8.3

Note: The test items above were conducted at Tongzhou District, Beijing, China.

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主检: 刘云鹏 任雪剑 刘张硕 苏肖群