

Acrylic Sheet / PMMA Sheet

Introduction:

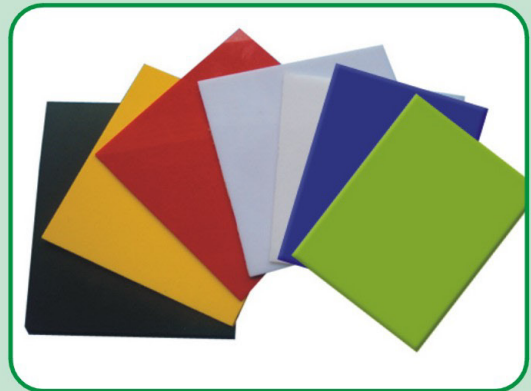
Acrylic (PMMA) Sheet has the best physical properties among plastics, the main component is polymethyl methacrylate, it is widely used in the building, advertisement and decoration.

Features:

1. Excellent transparency.
2. Good mechanical performance.
3. Good electrical insulation.
4. Stable and durable.
5. Non-toxic.
6. Superior impact resistance.
7. Crack resistance.
8. Superior weather resistance.
9. UV light resistance.
10. Chemical resistance.
11. Stable color under outdoor exposure.

Applications:

1. Indoor decoration board, partition board in office and house.
2. Engraving, sign board and design.
3. Making gift items.
4. Making kitchen and sanitary application.
5. Door and window cover.



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Technical Specification:

Item	Indicators
Specific Gravity	1.20
Hardness	M-100
Absorptivity of Water(24hr)	0.30%
Transmittancy (Parallel Rays)	92%
Transmittancy (Full Rays)	93%
Heat Distortion Temperature	100 °C
Coefficient of Linear Expansion	6×10^{-5} cm/cm °C
Ultimate Temperature of Continuous Operation	80 °C
Thermoforming Rangs	140-180 °C
Insulating Strength	20v/mm
Tension	
Coefficient of Rupture	700kg/cm ²
Coefficient of Elasticity	28000kg/cm ²
Bending	
Coefficient of Rupture	1.5kg/cm ²
Coefficient of Elasticity	28000kg/cm ²

Specifications:

Thickness (mm): 2 ~ 300

Dimensions (mm) : 1050 x 2050, 1250 x 1850, 1250 x 2450, 2050 x 3050, 3000 x 6000

Color: clear, milky, opal, black, red, blue, yellow, green