

5mm Clear Acrylic Sheet Anti-Shatter Window Guard Transparent Acrylic Panel

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: SM
- Certification: ISO9001:2015,CE, DE,ROHS,REACH etc.
- Model Number: SM656
- Minimum Order Quantity: 2000kgs
- Price: 1-200kg, \$3/kg
- Packaging Details: PE film or Craft Paper
- Delivery Time: 25-30days
- Payment Terms: L/C,T/T,Western Union,Paypal
- Supply Ability: 2000PCS 25-30days



Product Specification

- Material: Acrylic
- Product: Cast Clear Acrylic Sheet
- Raw Material: 100% Virgin MMA
- Model: SM656
- Packing: PE Film Or Craft Paper
- Origin: Zhejiang, China
- Processing Service: Cutting, Moulding
- Color: Customizable
- Light Transmission: High
- Customized: Accept OEM
- Chemical Resistance: Good
- Density: 1.19g/cm3
- Sample: Available
- Type: Cast Forming
- Highlight: 5mm Clear Acrylic Sheet,



for more products please visit us on perfectplastic8.com

Product Description

Product Overview

The 5mm Clear Acrylic Sheet is a transparent PMMA panel engineered specifically for window anti-shatter guard fabrication. This crystal-clear acrylic sheet supports laser cutting, CNC routing, drilling, and edge polishing to achieve smooth finished edges. Custom cut sizes are available for window protective shields, glass replacement panels, and indoor safety barriers.

Its even surface ensures solid glue adhesion for window frame assembly. Good rigidity and impact resistance prevent deformation and cracking during machining and installation. The stable surface resists scratches and maintains a clear appearance for long-term indoor and semi-outdoor window safety use. High light transmittance keeps natural light passing through without color distortion. Suitable for window anti-shatter guards, building window safety panels, residential window protective covers, storefront window shields, and transparent anti-break safety sheets.

Specifications

Place of Origin	Zhejiang, China
Brand Name	SM
Material	Acrylic
Size	1220 × 2440mm, 1220 × 1830mm, and other custom sizes
Thickness	1.8–40mm
Raw Material	Lucite, Mitsubishi, Chinese materials
Grade	AAAAA
MOQ	2 TONS
Technology	Cast
Certificate	ISO9001, CE, ROHS, etc.
Color	Any custom colors
Delivery	15–30 days
Density	1.19 g/cm³
Sample	Available

Key Advantages

Superior Optical Transparency

Premium virgin PMMA material is used to extrude this safety sheet. Uniform crystal transparency throughout the board with excellent light permeability, preserving natural daylight without color shift for window safety applications.

Flexible Machining Performance

This robust 5mm clear acrylic sheet allows laser cutting, CNC cutting, hole drilling, and edge polishing. Custom cut sizes meet diverse fabrication requirements for window anti-shatter guards and building transparent safety panels.

Durable Surface & Long-Lasting Clarity

High-quality PMMA provides reliable wear resistance. The board keeps a smooth surface and clear vision under long-term indoor and semi-outdoor window use and daily cleaning for safety protection scenarios.

Reliable Impact Resistance

Optimized acrylic composition lowers breakage hazards during processing, trimming, and field installation. It cuts down rejection rates while producing transparent safety shields for residential and storefront window protection.

Product Features

Impact Resistant

UV Resistant

Scratch Resistant

Wear Resistant

Shatter Resistant

Lightweight

Contact for Pricing and Samples

[+86 18457085648](#) (WeChat / WhatsApp) — Contact Amy

Our Product Range

We specialize in cast acrylic sheet, extruded acrylic sheet, PVC foam board, mirror acrylic sheet, acrylic cosmetic box, acrylic tube & rod, acrylic desktop billboard, acrylic signage, and special acrylic sheets.

About Quzhou Perfect Plastic Material Company

Established in 2010, we are a professional cast acrylic sheet factory located in Quzhou City, Zhejiang Province. Our 27,729 square meter facility houses experienced staff with over 25 years of expertise and an annual capacity of 12,000 tons. We maintain a dedicated R&D team that develops products according to customer requirements.

We supply 100% virgin Lucite and Mitsubishi MMA acrylic sheets, as well as mixed material sheets at competitive prices. Our products meet strict quality certifications including ISO9001, ISO14001, and SGS, featuring UV/impact resistance, excellent processability, scratch resistance, and up to 93% light transmittance that remains stable for 5–6 years without yellowing or fading.

Product Images



Shan-Mei Plastic™
山美塑料



POA®

PROFESSIONAL CAST ACRYLIC SHEET SUPPLIER FROM CHINA



WHY CUSTOMERS CHOOSE OUR ACRYLIC SHEETS ?

We are a professional acrylic sheet factory with 10 years history and export experience !

Firstly, we can give you our best price. Customer is our partner, our aim to assist you expand market. If you have new inquiry about acrylic sheets, pls, don't hesitate to contact me! Amy will reply to you timely!

Secondly, we can give you best quality:

A) our corporation has passed the strict quality system certification, like ISO9001, ISO14001, SGS and also test of polymer and chemical building material. and we are using 100% virgin Lucite and Mitsubishi MMA.

B) Excellence in Anti-UV and will not turn Yellowish and fade at least 5-8 years. Clear acrylic can reach 94 % high light transmittance.

C) Thickness tolerance less than $\pm 0.1\text{mm}$.

D) Super performance in laser cut, UV print, glue no crack, no yellow.

E) strict quality control system, supervise the whole process from raw materials, production, quality inspection, packaging and delivery!

Thirdly, We can supply timely delivery and the best service.

We have many experience staffs in the workshop and two fully automatic production lines are put into production with annual capacity of 8,000 tons. We have professional sales to help you solve the problem any time!

In a word, If you make business with us, we will offer you best price, high quality product, timely delivery and service, as you know, you are always our VIP! we honestly hope you are our friend all the time!

“Integrity, innovation, professional”



Step1 - Test for raw materials and auxiliary materials



Step2 - The Reaction process of material



Step3 - The blending process of material



Step4 - The feeding process of material



Step5 - Solidifying and molding process of material



Step6 - Release process and Test for the products



Step7 - Packing for the products

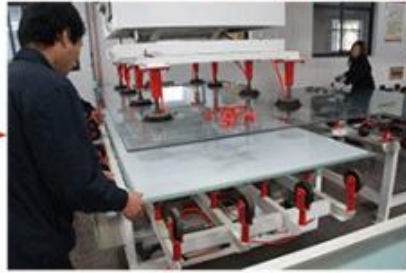


Step8 - Cargo transportation



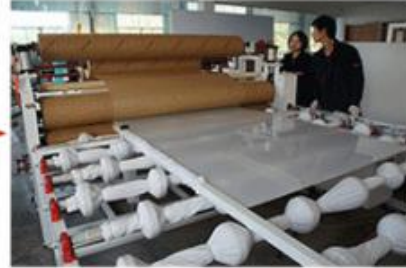
Release process and Test for the products

step6 →



Packing for the products

step7 →



Cargo transportation

step8 →



The blending process of material

step3 →



The feeding process of material

step4 →



Solidifying and molding process of material

step5 →



Production process

Test for raw materials and auxiliary materials

step1 →



The Reaction process of material

step2 →



PAYMENT TERMS



Customer Feedback

we will send bank slip soon

and
please make proforma to this order:

Cast acrylic sheet
(100%virgin import
material)

	1220*1830*2.8*4388	700
	1220*1830*2.8*126	150
	1220*1830*2.8*138	100
	1220*1830*2.8*102	250
	1220*1830*2.8*235	150
	1220*1830*2.8*617	100
	1220*1830*2.8*327	100
1220*1830*2.8*322	100	
	1220*1830*2.8*835	50
	1220*1830*2.8*266	50
	1220*1830*2.8*000	100
	1220*1830*2.8*814	50
	1220*1830*2.8*377	50
	1220*1830*2.8*402	50

Dear Amy

Thank you for your email

we bought from other company with low price but we like cooperating with you

Dear Amy,

We tested your XINSHENG line and we want to test with one order.

Deviation	Cartridge
CAST ACRYLIC SHEET TRANSPARENT 1.22 X 2.44 X 2MM	450
CAST ACRYLIC SHEET TRANSPARENT 1.22 X 2.44 X 3MM	600
CAST ACRYLIC SHEET TRANSPARENT 1.22 X 2.44 X 4MM	150
CAST ACRYLIC SHEET TRANSPARENT 1.22 X 2.44 X 5MM	200
CAST ACRYLIC SHEET TRANSPARENT 1.22 X 2.44 X 6MM	30
CAST ACRYLIC SHEET TRANSPARENT 1.22 X 2.44 X 8MM	60
CAST ACRYLIC SHEET TRANSPARENT 1.22 X 2.44 X 10MM	60
CAST ACRYLIC SHEET MILK WHITE 1.22 X 2.44 X 2MM	60
CAST ACRYLIC SHEET MILK WHITE 1.22 X 2.44 X 3MM	120
CAST ACRYLIC SHEET MILK WHITE 1.22 X 2.44 X 4MM	60
CAST ACRYLIC SHEET MILK WHITE 1.22 X 2.44 X 5MM	60
CAST ACRYLIC SHEET MILK WHITE 1.22 X 1.83X 4MM	60
CAST ACRYLIC SHEET TRANSPARENT 1.22 X 1.83 X 2MM	30

Frequently Asked Questions

Can you produce according to the samples?

Of course, OEM welcome!

How can I get the sample?

Small samples are available for free; you only need to pay for shipping.

How long can I expect to get the sample?

We prepare samples within 3 days, with delivery typically taking 5–7 days.

What is your MOQ?

Minimum order quantity is 26 pieces for each size.

Do you test all your goods before delivery?

Yes, we have strict quality inspections and provide photos before shipment. Our dedicated R&D team ensures every product meets your requirements.

What is your lead time for mass production?

Normally 25–30 days.

What is your payment term?

We accept T/T, L/C, PayPal, and Western Union.

How do you pack the products?

Each sheet is covered by PE film or craft paper, then palletized in 1.5-ton packages.



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