

5mm Rigid Clear Acrylic Sheet – Anti-Yellowing PMMA Panel for Museum Displays

Our Product Introduction

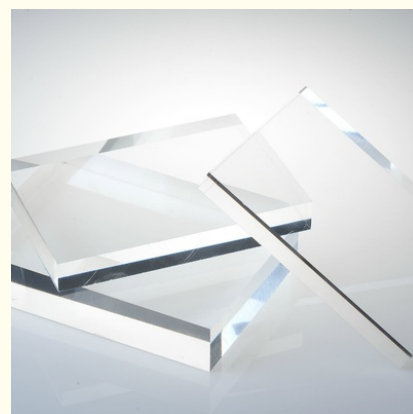
Basic Information

- Place of Origin: China
- Brand Name: SM
- Certification: ISO9001:2015, CE, DE, ROHS, REACH etc.
- Model Number: SM636
- 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: SM636
- 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: 1.20g/cm³
- Sample: Available
- Type: Cast Forming
- Highlight: 5mm Clear Acrylic Sheet, Rigid PMMA Panel,



for more products please visit us on perfectplastic8.com

Product Description

5mm Clear Acrylic Sheet – Rigid PMMA Panel for Museum Display Cases

Product Overview

This 5mm clear acrylic sheet is a rigid solid PMMA material specifically designed for museum displays. The high-clarity sheet supports laser cutting, drilling, polishing, and thermoforming for clean edges. Custom sizes are available for exhibit enclosures with smooth, distortion-free surfaces. It offers excellent rigidity and impact resistance to prevent breakage and protect artifacts. Anti-yellowing properties maintain stable clarity under long-term indoor lighting. Widely used for museum display cases, artifact covers, gallery dividers, and heritage showcases.

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	2TONS
Technology	Cast
Certificate	ISO9001, CE, ROHS, etc.
Color	Any custom colors
Delivery	15-30 days
Density	1.20g/cm³
Sample	Available

Key Advantages

Rigid Anti-Impact Performance

High-rigidity 5mm clear PMMA acrylic sheet delivers excellent impact resistance. The solid panel avoids accidental cracking to safeguard relics and exhibits inside museum display cases.

High Optical Clarity

Pure transparent PMMA material ensures low light distortion. The sheet maintains true color presentation of artifacts for gallery viewing and exhibition display.

Precise Machinability

Supports laser cutting, edge polishing, drilling and thermoforming. Custom dimensions can be made to fit various museum showcase frames and enclosures.

Long-Term Anti-Yellowing Property

Premium PMMA raw material resists aging and discoloration under continuous indoor lighting. Stable clear appearance for long-time exhibit display.

Smooth Non-Reflective Surface

Finished with smooth flat surface, reducing distracting reflections. Perfect for artifact display panels and gallery partition barriers.

Product Features

Impact Resistant

Anti-Yellowing

Easy Fabrication

Aging Resistant

Scratch Resistant

Tear Resistant

+86 18457085648 (WeChat/WhatsApp) Contact Amy for pricing and samples

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!

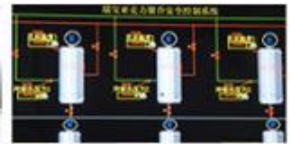
“Integrity, innovation, professional”



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



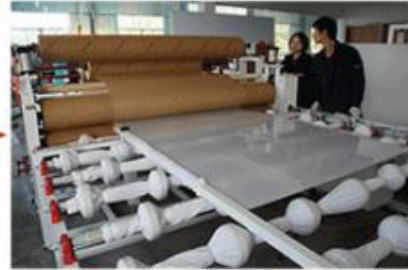
Release process and Test for the products

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



1. Providing Best Service
2. High Quality Products
3. Fastest Production Lead-Time
4. Competitive Prices

收件人: amy <amy@rpoa.com.cn>

Dear Amy

Thnaks for your price.we plan to place one container this week. hope quality is same to before.

收件人: vicky <vicky@rpoa.com.cn>

hi vicky

how are you.

you are so nice,we received your samples. it's very good. we plan to place order, details will send to you later.

附件: amy@rpoa.com.cn - amy@rpoa.com.cn
附件: 订单 (1).docx

H Amy,

I propose you, send 2 similar order one this month and other next month, but check the possibility give us better price, but with same quality as first order

I wait for you.

Kind regards,

收件人: 吴小雅 <amy@rpoa.com.cn>

Dear Amy wu,
Have nice time

How many sheet can I add?we want one 20ft container

thank you

收件人: Amy <amy@rpoa.com.cn>

Dear Amy Wu,
Have nice time

we will send bank slip soon
and

please make prororma to this order:

Cast acrylic sheet
(100%virgin import
material)

1220*1830*2.8*4398	700
1220*1830*2.8*126	150
1220*1830*2.8*128	100
1220*1830*2.8*102	250
1220*1830*2.8*1235	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	Quantity
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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