Customizable Color High Light Transmission Colored Clear Acrylic Sheet with Good Chemical Resistance for Swimming Pool Fence

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: SM
- Certification: ISO9001:2015,CE, DE,ROHS,REACH etc.
- Model Number: SM682
- 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: SM682
- 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: **Customizable Color Colored Clear Acrylic Sheet**



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Product Description

Product Overview

This durable colored clear acrylic sheet is a tinted PMMA panel manufactured from high-grade acrylic raw material, purpose-built for swimming pool fence construction. It can be processed via laser cutting, saw cutting, drilling and flame polishing to achieve neat, seamless edges, and a custom cut-to-size service is offered to match different pool fence layout requirements.

Its smooth, non-porous surface works well for vinyl graphics and laser engraving, allowing safety prompts and decorative markings to stay crisp after long-term outdoor exposure. Outstanding impact resistance and stable color performance prevent fading, warping or cracking under constant sunlight, splashing pool water and temperature changes. The sheet delivers controlled light transmission with a uniform tint, maintaining clear sightlines around the pool area while adding soft colored visual effects.

Ideal applications include residential swimming pool barrier panels, backyard pool safety fencing, spa enclosure panels, aquatic area sight screens, resort pool perimeter partitions and custom water feature fence infill panels.

Specifications

Place of Origin	Zhejiang, China
Brand Name	SM
Material	Acrylic
Size	1220 × 2440 mm, 1220 × 1830 mm, and other custom sizes
Thickness	1.8–40 mm
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	1.20 g/cm³
Sample	Available

Key Advantages

Balanced Light Transmission

Our colored clear acrylic sheet for swimming pool fences adopts premium PMMA raw material with evenly dispersed color pigments. It creates soft tinted clarity rather than dense opaque color. Moderate light transmission brings a delicate see-through effect, keeping good visibility across the pool zone while adding gentle colored aesthetics. Safety markings and warning patterns printed or engraved on the surface can be seen clearly from both sides of the fence.

Versatile Fabrication Options

This acrylic panel supports laser cutting, saw cutting, drilling and flame edge polishing. Custom sizes and special outlines are acceptable to match different pool layouts, spa enclosures and backyard water feature fencing projects. It is engineered to withstand continuous UV exposure, splashing chlorinated water and variable outdoor temperatures without quick performance degradation.

Long-Lasting Color Uniformity

A uniform internal material structure avoids mottled color changes under long-term outdoor conditions. Constant water contact, wind and regular surface cleaning will not damage its tint or transparency. It maintains steady visual performance whether installed for private residential pools, hotel leisure pools or resort aquatic areas.

High Structural Toughness

A fine-tuned acrylic formula effectively reduces internal stress. The sheet stays flat amid seasonal temperature fluctuations. It will not warp or bend after installation, and features strong impact resistance to withstand accidental bumps — critical for pool safety barrier applications.

Product Features

- Weather Proof
- Chemical Resistant
- Tear Resistant
- Corrosion Resistant
- UV Resistant
- Fade Resistant

Contact for Pricing and Samples

> Phone / WeChat / WhatsApp: **+86 184 5708 5648** — 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



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 mistubishi 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 +-0.1mm.

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!

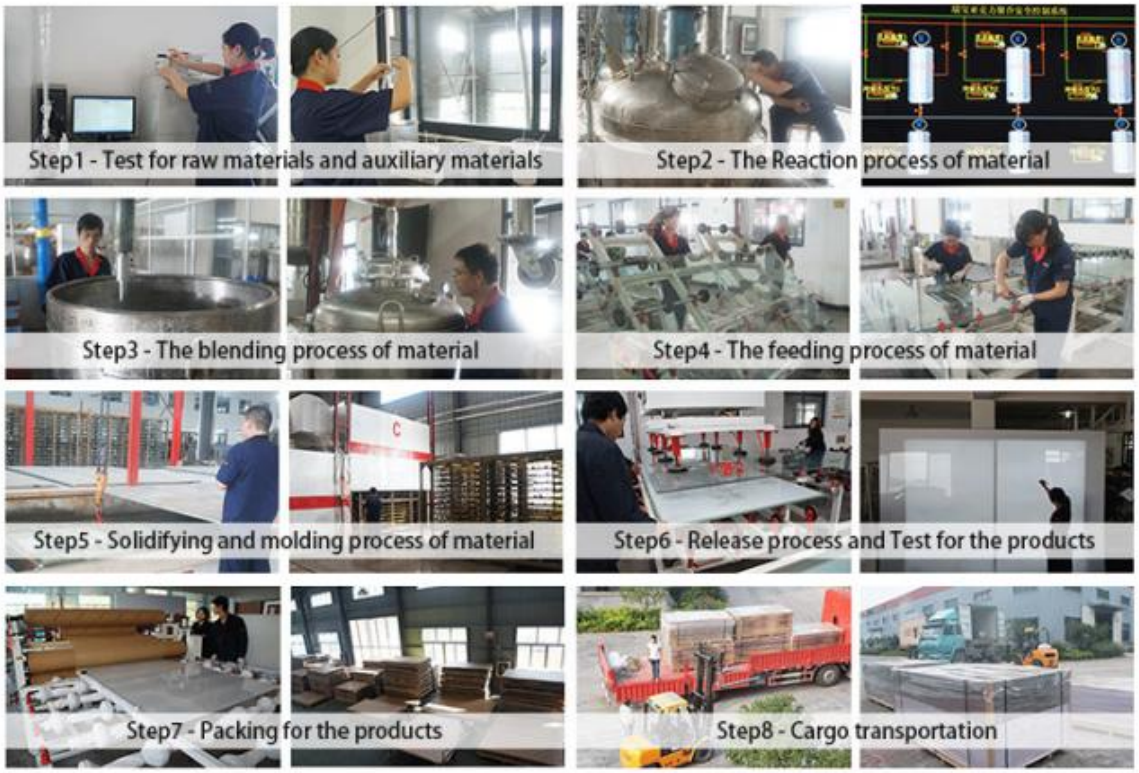
Thirdly, We can supply timely delivery and the best service.

We have many experience staffs in the workshop and two fully automatic production lines are put into production with annual capacity of 8,000tons. 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"

Clear acrylic sheet used as a restaurant food guard barrier



25mm thick acrylic panel for commercial applications



Custom size acrylic sheets for food protection



Acrylic sheet manufacturing quality inspection



Clear acrylic material samples display



Acrylic sheet thickness options comparison

Production process



Professional acrylic food guards for commercial use



In short,we abide by the following principles:

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

Restaurant hygiene protection acrylic barriers

Customer Feedback



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.

Hi 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 in first orde

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 proforma to this order:

		qty(
Cast acrylic sheet (100%virgin import material)	1220*1830*2.8*4398	700
	1220*1830*2.8*126	150
	1220*1830*2.8*138	100
	1220*1830*2.8*202	250
	1220*1830*2.8*235	150
	1220*1830*2.8*617	100
	1220*1830*2.8*327	100
1220*1830*2.8*3[illegible]2	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.

Description	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

Customer testimonials and feedback for acrylic sheets

Frequently Asked Questions

Can you produce according to the samples?

Of course — OEM is welcome!

How can I get a 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?

The 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 are your payment terms?

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

How do you pack the products?

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

Shan-Mei Plastic 善美塑胶 **Quzhou Perfect Plastic Material Co., Ltd**

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