

Impact Resistant Clear Acrylic Sheet with High Light Transmission and Customizable Size for DIY Projects

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: SM
- Certification: ISO9001:2015, CE, DE, ROHS, REACH etc.
- Model Number: SM579
- 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: SM579
- 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



Product Description

Clear Acrylic Sheet Impact Resistant Panel Fish Tank DIY Material

Clear Acrylic Sheet Impact Resistant Panel is ideal fish tank DIY material with strong shockproof and waterproof performance. High-clarity transparent PMMA sheet is non-toxic to aquatic creatures, customizable in size for aquarium dividers, viewing panels and filter separators. Anti-yellow coating keeps long-lasting clear vision for indoor fish tank projects.

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	1.19g/cm ³
Sample	Available

Key Advantages

Clear Surface: Ultra-flat solid acrylic sheet delivers over 92% light transmittance with smooth, burr-free polished edges, ideal for homemade fish tank viewing windows and aquarium partition panels.

Excellent Impact Resistance: Produced from virgin PMMA raw material, the sheet boasts far stronger shock resistance than ordinary glass. It will not crack or shatter under water pressure, accidental bump or collision during fish tank assembly.

Waterproof & Anti-Yellow Property: Dense virgin PMMA structure features stable waterproof performance, suitable for long-term immersion in aquarium water. It blocks ambient UV light and slows down surface oxidation.

Safe Non-toxic Aquatic Grade Material: Zero harmful additives in the acrylic formula, the panel releases no toxic substances after long-time soaking. It is harmless to tropical fish, shrimp, aquatic plants and all aquatic organisms.

Stable Anti-deformation Structure: High compact PMMA molecular structure delivers outstanding anti-warp and anti-deformation capacity. The sheet keeps flat without bending or warping under constant water humidity.

Product Features

Impact Resistant • Waterproof • Corrosion Resistant • Moisture Proof • Lightweight • Chemical Resistant

Contact for Best Price

Contact Amy at:
+86 18457085648 (WeChat/WhatsApp)

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

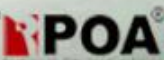
Established in 2010, we are a professional cast acrylic sheet factory located in Quzhou City, Zhejiang Province. Our 27,729 square meter facility houses experienced staff with over 25 years of expertise and an annual capacity of 12,000 tons. We maintain a dedicated R&D team that develops products according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



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!

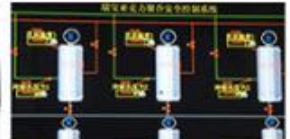
"Integrity, innovation, professional"



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

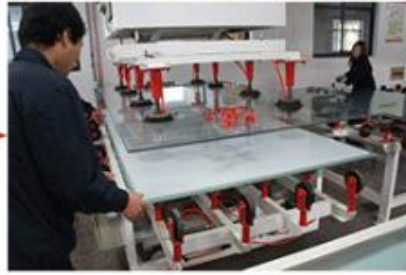


Step8 - Cargo transportation



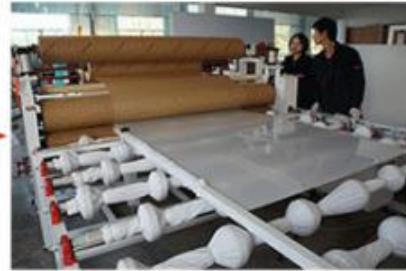
Release process and Test for the products

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



In short, we abide by the following principles:

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

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.

收件人: amy@rpoa.com.cn <amy@rpoa.com.cn>
附件: 1个文件: 100 (1).xlsx

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 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 protorma 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*178	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*372	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	Carton
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.



Shan-Mei Plastic
善美塑胶

Quzhou Perfect Plastic Material Co., Ltd



+86 18457085648



amy@perfectplastic8.com



perfectplastic8.com

Sitong Road 3-5, Huibu Town, Changshan County, Quzhou City, Zhejiang Province