

Machinable UV Resistant Chemical Resistant Colored Acrylic Sheet for Laboratory Safety Baffle

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: SM
- Certification: ISO9001:2015, CE, DE, ROHS, REACH etc.
- Model Number: SM624
- 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: SM624
- Packing: PE Film Or Craft Paper
- Origin: Zhejiang, China
- Processing Service: Cutting, Moulding
- Color: Clear Or Any Custom Colors
- Light Transmission: High
- Customized: Accept OEM
- Chemical Resistance: Good
- Density: 1.19g/cm3
- Sample: Available
- Type: Cast Forming
- Highlight: **Machinable Colored Acrylic Sheet,**



for more products please visit us on perfectplastic8.com

Product Description

Machinable Colored Acrylic Sheet For Laboratory Safety Baffle

As a professional manufacturer of machinable colored acrylic sheets, we supply premium rigid solid-color PMMA acrylic plastic sheets for bulk orders and OEM industrial & commercial projects. With full in-house production from virgin PMMA raw materials, our finished sheets feature fine machining performance and stable color consistency.

We keep sufficient stock for fast bulk delivery and offer flexible OEM on colors, textures, thickness and sizes. Our export-grade sheets are popular in Southeast Asia, the Middle East, Africa and Europe, ideal for laboratory safety baffles, equipment protective panels, test station partitions, display fixtures and other lab-related facility 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	2 TONS
Technology	Cast
Certificate	ISO9001, CE, ROHS, etc.
Color	Clear or any custom colors
Delivery	15-30 days
Density	1.19g/cm³
Sample	Available

Key Advantages

- Superior Machining-Friendly Mechanical Property:** Made from high-grade virgin PMMA raw material, our machinable colored acrylic sheets deliver balanced rigidity and process-friendly toughness for laboratory heavy-duty conditions. Low impurity level guarantees stable mechanical performance for bulk orders and OEM custom demands.
- Reliable Batch-to-Batch Uniformity for OEM Cooperation:** Strict in-house production supervision ensures consistent hardness, color saturation and thickness across production batches. Avoid performance deviations for repeat bulk procurement and long-term OEM partnerships on laboratory safety baffle and related parts.
- Strong Working Condition Adaptability:** Stable material formula keeps steady physical performance under indoor temperature fluctuation. Resist cracking from accidental impact, well-suited for laboratory stations, test areas and other indoor industrial application scenarios.
- Excellent Machinability for Secondary Fabrication:** High-quality PMMA base material supports drilling, sawing, cutting and thermoforming. No brittle chipping or fracture occurs during processing when fabricating OEM laboratory safety baffles and protective components.
- Consistent Even Color Effect:** Optimized pigment blending process delivers rich and uniform solid-color appearance. Compatible with engraving and other post-processing operations for large-volume OEM lab facility projects.

Key Features

Crack Resistant

Wear Resistant

Impact Resistant

Chemical Resistant

Fade Resistant

UV Resistant

For the best price on Cast Clear Acrylic Sheet, contact Amy at +86 18457085648 (WeChat/WhatsApp).

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 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 ± 0.1 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!

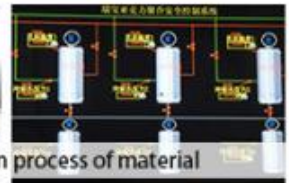
"Integrity, innovation, professional"



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

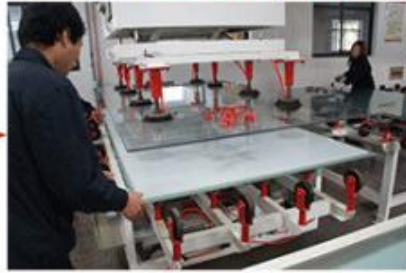


Step8 - Cargo transportation



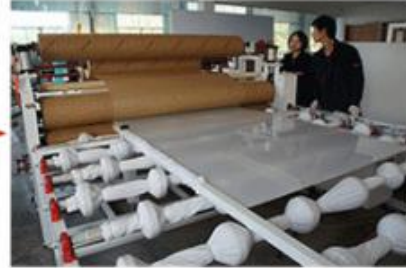
Release process and Test for the products

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*4398	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	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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