

Acrylic Sheet

PMMA | PLEXIGLASS SHEET | PERSPEX SHEET

Acrylic refers to polymethyl methacrylate, which is also known as PMMA, plexiglass or perspex. Because of its high transparency, chemical stability, weather resistance, easy coloring, easy processing, and beautiful appearance, it has been widely used in advertising display, handicraft products, furniture and lighting, sanitary facilities, etc.

Acrylic sheets are divided into cast acrylic sheets and extruded acrylic sheets by different manufacturing processes. The cast acrylic sheet has high molecular weight, excellent rigidity, strength and chemical resistance, and is suitable for various special purposes. Compared with cast sheet, extruded acrylic sheet has lower molecular weight and slightly weaker mechanical properties. However, such features



Product Types

Boardway acrylic sheets are available in various types. According to different manufacturing process, we have cast acrylic sheet and extruded acrylic sheet. According to different appearance or performance, we divide acrylic sheet into common acrylic and special acrylic.

Common Acrylic | Clear Acrylic Sheet, Transparent Colored Acrylic Sheet, Opaque Colored Acrylic Sheet.

Special Acrylic | Acrylic Mirror Sheet, Glitter Acrylic Sheet, Iridescent Acrylic Sheet, Flame-retardant Acrylic Sheet, Impact-resistant Acrylic Sheet, Wear-resistant Reinforced Acrylic Sheet.



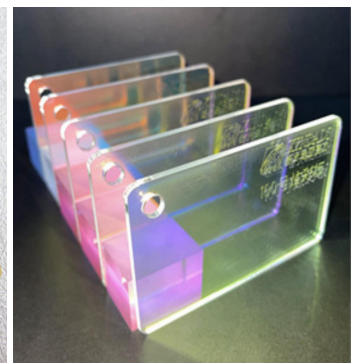
Colored Acrylic



Mirror Acrylic



Glitter Acrylic



Iridescent Acrylic

Compliance

ISO 7823-1:2003

ISO 7823-2:2003

RoHS Directive

REACH Directive

CE Compliant

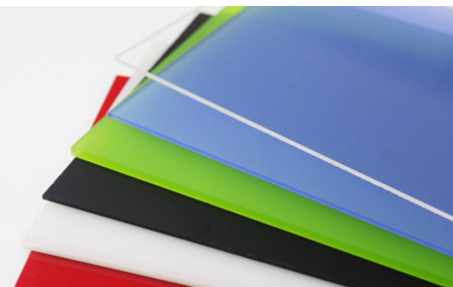


Surface Types

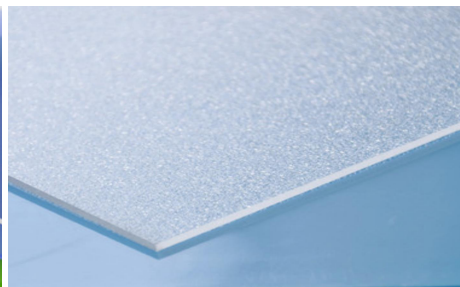
High gloss acrylic sheets are the most common. In addition, we also provide matt acrylic sheets and embossed acrylic sheets.



Glossy Acrylic



Matt Acrylic



Embossed Acrylic

Advantage



Material Safety

We insist on using 100% virgin raw materials for production to ensure stable quality and product safety.



Crystal Clear

High gloss finish, smooth and flat. It has crystal-like transparency, and the light transmittance is over 92%.



Excellent Weather Resistance

Our acrylic sheets are UV coated, resistant to UV rays and harsh weather, 8 years warranty.



Ease of Machining

Can be laser cut (without bad smell), drilled, bonded, milled, fastened, etc.



Good Thermoforming Properties

Easy to bend and vacuum form.



Chemical Resistance

Resistant to chemicals, but soluble in organic solvents.



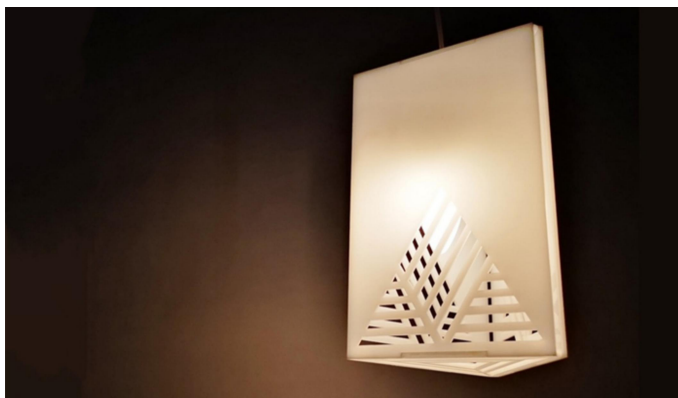
High Printability

Suitable for screen printing and UV printing.

Application

1. Advertising: light boxes, signboards, signs, display racks.
2. Interior decoration: furniture, decorations, partitions, screens, transparent walls, bar counters, lampshades.
3. Daily necessities: bathroom facilities (washbasin, bathtub, toilet seat), handicrafts, storage boxes, shelves, aquariums.
4. Construction: building cover, display window, swimming pools, aquarium projects.
5. Vehicles: doors and windows of buses and trains.
6. Medicine: baby incubator, surgical medical equipment.
7. Industry: instrument panel and cover.

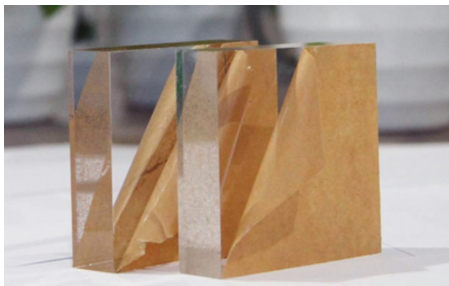
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Specification

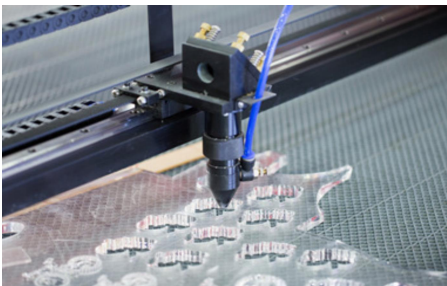
Standard Size	1220x2440, 1240x2460, 1220x1830, 1000x2000, 1050x2030, 1500x3000, 1830x2440, 2000x3000mm, etc.
Thickness (Cast)	1.9mm - 20mm, 20mm - 60mm, 60mm and above
Thickness (Extru)	0.8mm - 10mm
Density	1.2 g/cm3
Surface	Glossy, matte, embossed
Color	Acrylic color cards are available

Additional Services



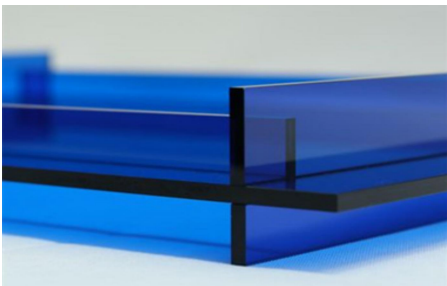
Protective Paper

The acrylic sheet is covered with a protective paper that is easy to remove and leaves no glue residue.



Processing Services

Laser cutting, CNC routing, drilling, printing, hot bending, vacuum forming, etc.



Supporting Services

We offer sourcing & procurement, prototype making, module assembly, OEM, ODM services.

Boardway Building Material Co., Ltd

PLASTIC SHEETS & PROFILES MANUFACTURING, WHOLESALE AND CUSTOM PROCESSING

www.boardwaybuilding.com

www.boardway.en.alibaba.com



Contact us

Helen Lee

E-mail: helen@boardwaybuilding.com

Tel: 86-759-3320922

WhatsApp: 0086 13828266785

Wechat: 13828266785

Skype: helenlee7608

What We Do?

Manufacturing, wholesale and custom processing



Boardway has been one of China's top professional manufacturers of plastic sheets since 2006. For 15 years, Boardway has devoted all its energy to the production of plastic sheets.

We have advanced research and development capability, a stable supply capacity, 8 extrusion production lines for foamed PVC board, which can not only meet the fast delivery, but also meet the orders in large quantity. We also have professional technical support and 24/7 high-quality service.

Custom processing is also what Boardway is good at. We provide customers with customized processing services for all plastic products.

For example, to provide customers in the building and decoration industry with CNC cutting, PUR laminating, sanding, chamfering, etc. Provide silk screen printing, UV printing and die cutting for customers in the advertising industry. Provide customers in the manufacturing industry with thermoforming of thermoplastic materials.



China has a large number of suppliers and different product quality, so how to choose a Chinese supplier? Boardway is willing to help you do supplier selection and resource integration.

We have a natural geographical advantage and can help you to confirm the product quality of each supplier, even visit their factory to check the authenticity. What we can do includes sourcing, prototyping, procurement, module assembly, product testing and improvement.

15

years manufacturing

3

locations

22,000

mt annual output

∞

solutions