

Polystyrene sheets, often abbreviated as PS sheets, possess the following characteristics and applications:

Characteristics:

1. **Lightweight:** PS sheets are exceptionally lightweight, making them easy to transport and install.
2. **Rigidity:** They have relatively high rigidity, making them suitable for applications where little bending or flexing stress is required.
3. **Excellent Electrical Insulation:** Due to their electrical insulating properties, PS sheets are commonly used in electronic applications, such as circuit boards and electrostatic shielding.
4. **Ease of Processing:** PS sheets are easy to cut, shape, and manipulate, making them suitable for a variety of DIY and craft projects.
5. **Transparency:** Transparent PS sheets can be used to cover or protect items, such as display cases or promotional materials.
6. **Low Water Absorption:** The low water absorption of PS sheets allows them to maintain stability in humid environments.
7. **Ease of Coloring:** They can be easily dyed, making them suitable for various color and design requirements.

Applications:

1. **Advertising and Promotional Materials:** Transparent or colored PS sheets are used for making signage, display boxes, poster frames, and promotional materials due to their excellent visual appeal.
2. **Modeling and Art Projects:** Owing to their ease of manipulation, PS sheets are frequently employed in modeling, model construction, and art projects, including sculpting and painting backdrops.
3. **Electronics:** PS sheets are utilized in the manufacture of electronic component casings, panels, circuit boards, and electrostatic shielding devices due to their excellent electrical insulation properties.

4. Packaging: PS sheets find extensive use in packaging materials, such as transparent packaging boxes, for applications in the food, cosmetics, and jewelry industries.

5. Building and Interior Decoration: PS sheets are used in the construction of ceilings, wall panels, and decorative elements like framing and wall cladding.

6. Medical Equipment: Due to their hygienic characteristics, PS sheets are commonly used in the manufacturing of medical equipment, reagent boxes, and laboratory apparatus.

7. DIY Projects: Thanks to their ease of processing and coloring, DIY enthusiasts and crafters frequently employ PS sheets to create a wide range of items, from models to decorations.











Packing & Delivery





Company Profile

Welcome to Shenzhen Hongfu Tongxin Technology Co., Ltd! Shenzhen Hongfu Tongxin Technology Co., Ltd is a professional manufacturer of glass fiber products and plastic products. Our group had two factories, one is FRP production in Dongguan, the other is plastic sheet extrusion and vacuum forming in Foshan. We have been in fiberglass products and plastic products processing and customized design industry for 16 years, and have rich experience in providing project solution with excellent service. We are not only material suppliers, but also the provider of project solutions. We appreciate your visit on our site, welcome to contact us!

ABOUT US

Professional manufacturer of plastic sheet extrusion & vacuum forming, and fiberglass reinforced plastic products.



COMPANY PROFILE

In our plastics series, our main products are ABS, HIPS, PP, PE, ASA, PMMA/ABS, PC/ABS, TPO sheets etc., and OEM& ODM Vacuum Forming products.

Since year 2016, we have developed multiple series of hydroponics trays: Standard trays / Infinity Connected Tray / Reservoirs etc

In our FRP series, we used the German advanced equipments and technologies, specialized in the production of FRP sheet, FRP sandwich panel, FRP Grating FRP profiles and Aluminum sandwich panel etc., OEM & ODM skin and core materials panel.

The products are widely used in building decoration, train, vehicles, decoration, vessel, and many other areas.

We are reliable and assurance supplier in China, looking forward to get more cooperation with you!

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