

ABS 塑料板材

ABS plastic sheet, or Acrylonitrile butadiene styrene, is one of the toughest, most commonly used plastic sheet with application across various industries.

Acrylonitrile- offers abs resin great chemical stability;

Butadiene - improves toughness, impact resistance and weather fastness

Styrene - gives excellent dielectric properties and machinability

Extruded ABS sheets can be easily thermoformed and lends itself to remarkable reproduction of mould detail.

规格

厚度 0.8- 10mm

宽度 2600mm

长度 4500mm

物理性能优势

- Excellent impact strength, formability, stiffness& toughness
- High tensile strength
- Heat and chemical resistance
- Abrasion and stain resistance
- Nontoxic, waterproof
- Can be printed on surface
- Excellent ductility
- Great high and low temperature performance
- Dimensional stability

应用领域

- Automotive Industry (Dashboards, wheel covers and other body parts)
- Home appliances parts
- medical applications parts
- Advertising signs
- Sports equipment parts

Hips 塑料板材

High Impact Polystyrene sheet, also referred to as HIPS Styrene sheet, with similar physical attributes to ABS sheet, is a great substitute of ABS.

It is stiff, tough and thermoformable and can be widely used in the creation of models and lower heat application.

Styrene sheet is odorless, non-toxic and can be print, makes it a very popular material in displays, POP graphics, signs, packaging, refrigerator inner liner and toys.

规格

厚度 0.3- 9mm

宽度 1900mm

长度 4500mm

2440*1200(48" X 96" is the standard size for printing)

物理性能优势

- Outstanding forming
- Good coloration
- Great impact resistance
- Thermoformable
- Odorless, non- toxic
- Environmentally friendly

应用领域

- Lithographic or Flexographic printing of displays
- POP graphics, signs, I.D cards, name tags
- Medical packaging
- Food trays & containers
- Model making
- Dairy containers
- Industrial packaging

PE 塑料板材

Polyethylene sheet is very suited for making durable goods. It offers great abrasion and chemical resistance, excellent impact resistance, low moisture absorption, low temperature resistance. It has good dimensional stability and is highly processable.

规格

厚度 1-9mm

长度 4500mm

宽度 1900mm

物理性能优势

- Excellent chemical resistance and corrosion resistance
- Good Fatigue& Wear resistance
- Easy to process
- Thermoformable, work temperature -50°C to +90°C
- Nontoxic, odorless
- Non- staining
- Excellent toughness and good impact performance
- Good UV resistance

应用领域

- Tank
- Food & medical trays
- Automotive Dunnage
- Truck bed liners
- Pallets
- Water storage
- Cruise components

PP 塑料板材

Polypropylene is well known for its excellent chemical resistance in corrosive environments. It is hard, good strength, flexible, and can be heat formed, shaped, welded and machined. Polypropylene meets the FDA standard, and is the one of optimal engineering plastics meets environmental requirements.

规格

厚度 9mm

长度 4500mm

宽度 1900mm

密度 0.90

物理性能优势

- Chemical, abrasion and acid resistant
- Alkalis and solvent resistant
- Non-toxic, odorless
- Resistance to temps up to 190D degrees
- Stress crack and impact resistance
- Excellent dielectric properties

应用领域

- Packaging applications
- Electronic products
- Automotive applications (battery cases, bumpers, fender liners)
- Medical applications
- Industrial applications (chemical tanks, sheets)
- Home appliances parts

PVC Food Wrap Film 保鲜膜

Our wrap film is made of polyvinyl chloride (PVC) with great strength and flexibility. They provide excellent protection to raw and prepared foods, preserving their properties intact without altering their taste or smell.

It is eco-friendly and got BV-FDA and SGS- EU test report.

规格

厚度 9.5 micron- 15 micron

长度 maximum length is 2000 meters per roll

宽度 25 centimetres – 1.8 meters

Vacuum forming Products 吸塑制品

Vacuum forming is a processing method that we can use to shape plastic materials. During the vacuum forming process, a plastic sheet is heated to soft and then pulled around a single mould using suction.

We have a variety of materials can be used in thermoforming, and typically the materials most commonly used are ABS, PS, PE, EVA and some of our composite sheets.

We would love to help customers with setting up and process of vacuum forming, including mould development, temperature and timing control and also some operating techniques.

应用领域

- Automotive parts (Interior and exterior parts)
- Wind driven generator parts
- Medical equipment parts
- Home appliances
- Sport equipment
- Pallets, trays
- Electronic device
- Advertisement

Composite Sheets 复合板材系列

之Co-extrusion 工艺系列

TPU/ABS composite sheet

Thermoplastic polyurethane (TPU)/ABS sheet offers soft-feel coating but greater wear resistance and high abrasion resistance. It is produced by means of coextrusion.

TPU/ABS sheets are nontoxic when touch with skin, well-suited for thermoforming, and have high elasticity, high impact strength, and great resistance to oils, greases, lubricants and various solvents.

规格

厚度 2-8mm

长度 4500mm

宽度 2000mm

物理性能优势：

- Soft surface
- High impact strength
- Great weatherability
- High abrasion resistance
- Great resistance to oils, greases, lubricants

Application:

- Automotive interior parts
- Transportation trays
- Tool cases
- Lining of luggage

PMMA/ABS composite sheet

By coextrusion process, we composite two layers which is acrylic layer and ABS layer together to form a composite sheet. It combines ABS's merits with high impact strength, thermoformability, elasticity and also PMMA's outstanding feature of high gloss, surface hardness and great wear resistance.

Specification

厚度 2-8mm

长度 4500mm

宽度 2000mm

Characteristics

- High gloss surface
- High weather resistance
- High abrasion and scratch resistance
- Hard surface
- Great impact strength
- Good thermoformability
- UV resistance

Application

- Sanitary parts
- Automotive interior and exterior parts
- Advertising
- Furniture

Composite sheets 复合板材系列
之 热复合板 Lamination 工艺系列

PVC synthetic leather/ ABS sheet

PVC synthetic leather is a plastic product that looks and feels like leather and can be used instead of real leather. It is usually made of fabric as the base, coated three layers with synthetic resin and various plastic additives.

PVC film/ ABS sheet

We have a wide range of PVC film patterns ranged from woodgrain, marble, leather, high gloss or matt finishes. PVC/ABS sheet is also thermoformable, with features of exquisite colour, waterproof, distinct and diversified pattern, PVC/ABS board are perfect material for furniture and indoor decoration.

PC film/ ABS sheet

Composition of PC film/ABS sheet offers abs sheet extra heat-resistance, impact resistance, elasticity and overall toughness. The surface PC layer is well known for its metallic surface finish and textured hand feel, it is a very popular material in home appliances, luggage, automotive industries.