



APEX PLASTIC INDUSTRIES

ALL TYPE OF PLASTIC SOLUTION



“AP I

Established in 2000, today Apex plastic industries has become a pioneer in plastic industries.

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Our Vision:

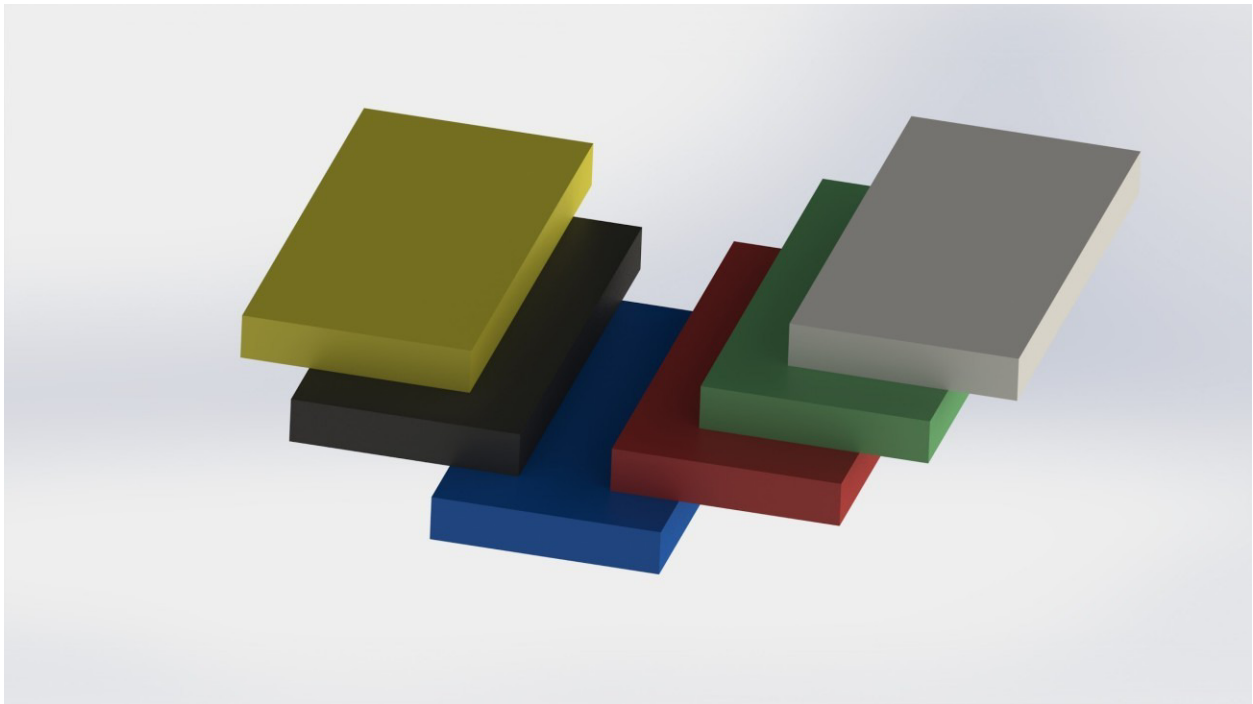
Achieve an effective global presence.

Our Mission:

By continuously improving Ourselves.

Plastic Sheet

API is manufacturing high quality plastic sheets of HDPE, PP material with Thickness ranges from 0.5 to 100 mm. We manufacture sheets in a wide range of colors as per requirement. At API we have six numbers of plastic extruder machines.



HDPE (High Density Polyethylene)

High-density polyethylene (HDPE) or polyethylene high-density (PEHD) is a thermoplastic polymer produced from the monomer ethylene.

HDPE is known for its high strength-to-density ratio.

HDPE is resistant to many different solvents, so it cannot be glued. Sheet joints made by welding.

Thermophysical properties of high density polyethylene (HDPE)

Density	940 kg/m ³
Melting point	130.8 °C
Crystallinity	60%



Standard Size : 1220 mm x 2440 mm, 1220 mm x 2000 mm , 1000 mm x 2000 mm

Application Of HDPE sheets ..

- Partition
- Shuttering
- making tanks
- Separates
- Gears
- Electronic
- Customized Application
- Packing



(Shuttering)

PP (Polypropylene)

Polypropylene (PP), also known as polypropene, is a thermoplastic polymer used in a wide variety of applications. It is produced via chain-growth polymerization from the monomer propylene.

Its properties are similar to polyethylene, but it is slightly harder and more heat resistant. It is a white, mechanically rugged material and has a high chemical resistance.

Density	between 0.895 and 0.92 g/cm ³
Melting point of Commercial isotactic PP	160 to 166 °C (320 to 331 °F)
Crystallinity	30 - 60%

Standard Size : 1220 mm x 2440 mm , 1000 mm x 2000 mm , 1500 mm x 3000 mm

Application of PP sheets..

- Chemical Tanks
 - Trolley
 - Crates
 - Automobile
 - Recycling
 - Customized Application
-



Sheets



Chemical Tank

PP Corrugated Sheet (Hollow Sheet/Flute Board)

PP corrugated Sheet is also known as PP flute board. It is light weight material although easily cut with a knife. Corrugated plastic is usually made from polypropylene(PP) which can be recycled.

It is available in two types: "H" line and "S" line. Both have the same application as per user requirements.

These sheets are very much cost effective as compared to other Products.

Width : Up To 1400 mm

Thickness : Up to 10 mm

Length : as per requirement

Colour : as per requirement

Standard Size : 1220 mm x 2440 mm , 1000 mm x 2000 mm, 1220 mm x 1830 mm

Application of PP Corrugated Sheets:

- Packing
 - Sign Boards
 - Partition
 - Display Boards
 - Floor protection
 - Creates
-



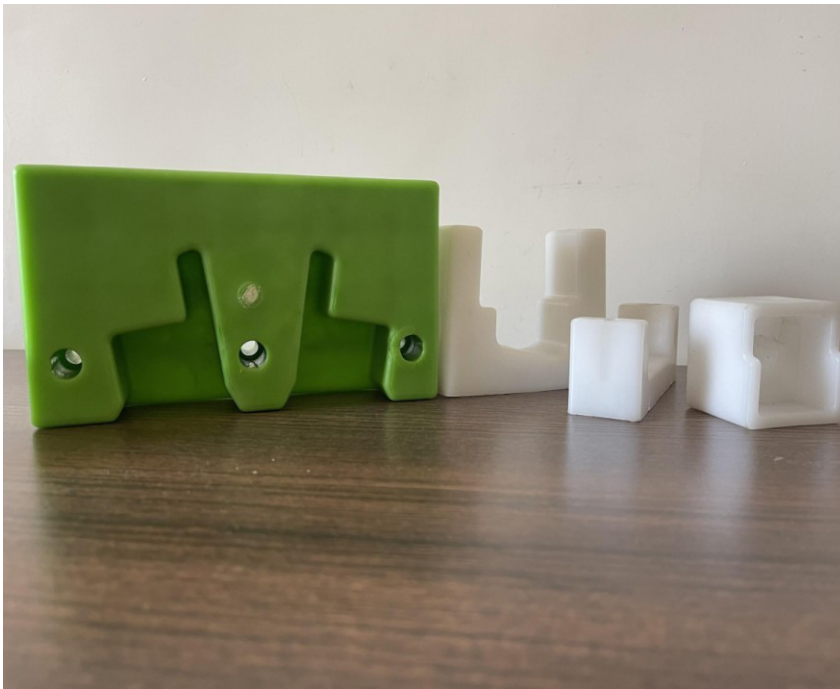
Plastic Molding Products

Injection moulding (U.S. spelling: injection molding) is a manufacturing process for producing parts by injecting molten material into a mould, or mold. Injection moulding can be performed with a host of materials mainly including metals (for which the process is called die-casting), glasses, elastomers, confections, and most commonly thermoplastic and thermosetting polymers. Material for the part is fed into a heated barrel, mixed (using a helical screw), and injected into a mould cavity, where it cools and hardens to the configuration of the cavity. After a product is designed, usually by an industrial designer or an engineer, moulds are made by a mould-maker (or toolmaker) from metal, usually either steel or aluminium, and precision-machined to form the features of the desired part. Injection moulding is widely used for manufacturing a variety of parts, from the smallest components to entire body panels of cars. Advances in 3D printing technology, using photopolymers that do not melt during the injection moulding of some lower-temperature thermoplastics, can be used for some simple injection moulds.

We can deliver the molding part as per your requirements with our best quality standards. We also provide quality testing facilities. We can assist you with design, engineering and quality standards.

For which we have a molding machine. We committed to delivering high quality molding parts to our customers. We also have testing facilities for failure testing.

We also provide engineering support for that.



Glimpse of our work...

Dispatch:

We dispatch finished products with proper packaging by a responsible logistic service provider. We are committed to delivering your material at your destination without loss or damage of material.



Material ready to dispatch

Group Of Companies

1. Apex Plastic industries (Shapar, Rajkot)
2. Harmony Metalware Pvt Ltd (Hadamtala , Rajkot)
3. Calibar Industries Pvt Ltd. (Shapar ,Rajkot)
4. Qbic Metals Pvt Ltd (Hadamtala, Rajkot)

Factory Address

1. Silvassa 396230 (Dadra & Nagar Haveli) (Plastic Sheet Unit)
2. Bhumi Gate Road, Survey No 235 ,Plot No 11 Near Galaxy Agro Veraval Shapar360024 (Moulding Unit)

Office Address

Office No. 6 , Third Floor ,Shri Mad Bhavan opp Kanta Stri Viksh Gruh , Bhaktinagar Station Plot , Rajkot -360002.

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