

2 Plastics are a wide range of synthetic or semi-synthetic organic compounds that are malleable and so can be molded into solid objects.

Properties of Plastics are -

1. They are light in weight.
2. They have good resistance to most of the chemical.
3. They have high electrical strength.
4. They have good corrosive resistance.
5. Plastics can be moulded to any desired shape and size.

Injection moulding - 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, glasses and most commonly thermoplastic and thermo setting polymers.