



Polyvinyl Chloride(pvc)

Polyvinyl chloride (PVC) is a synthetic plastic polymer made from vinyl chloride. It is a thermoplastic material that can be molded into different shapes and sizes. PVC is widely used in construction, healthcare, automotive, and packaging industries due to its durability, low cost, and versatility



SOME OF THE MAIN USES:

- production of pipes for water supply and drainage systems
- production of window frames, doors, and siding for buildings
- production of flooring materials such as vinyl tiles and linoleum
- production of roofing materials such as PVC sheets and membranes
- production of electrical cables and wires
- production of medical devices such as blood bags and tubing
- production of inflatable products such as pool toys and air mattresses
- production of credit cards, gift cards, and other plastic cards
- production of vinyl records
- production of automotive parts such as dashboards and door panels

chemical formula	(C₂H₃Cl)_n
melting point	100 °C to 260 °C
boiling point	240°C
density	1.4 g/cm³
Appearance	white, brittle solid
Molar mass	62.498 g/mol

