

Production of PET Film and Sheets, Urethane Foams, Flexible Foams, Rigid Foams, Speciality Plastics.

Description:

Production of PET Film and Sheets, Urethane Foams, Flexible Foams, Rigid Foams, Speciality Plastics. Stretch Blow Moulding, Injection Blow Moulding, Injection and Co-Injection Preform Technologies

Polyethylene Terephthalate (PET) is Thermoplastic polyester widely used for production of beverage bottles. It is also used for flexible packaging film due to its high clarity, low permeability and excellent printability. Biaxially oriented PET film (often known by one of its trade names, "Mylar") can be aluminized by evaporating a thin film of metal onto it to reduce its permeability and to make it reflective and opaque (MPET). These properties are useful in many applications, including flexible food packaging and thermal insulation such as "space blankets". Because of its high mechanical strength, PET film is often used in tape applications, such as the carrier for magnetic tape or backing for pressure sensitive adhesive tapes. PET is also used as substrate in thin film and solar cell.

India's PET market continues to be dominated by PET bottles, followed by PET films, sheets and chips, and the trend is expected to continue over the next five years. PET bottles are being increasingly used for packaging of bottled drinking water, carbonated soft drinks, edible oils, juices, alcoholic beverages, etc.

Approx. 60,000T/annum PET film consumed a/c for 50% of total consumption. The increasing demand for packaged food and pharmaceutical products in growing economies such as China, India, Turkey, Poland, Brazil, and Mexico is driving the global market for packaging film. Packaging film has been commercialized and used in packaging of food products, pharmaceutical and medical products, consumer products, industrial products, and others. Food packaging is the largest consumer of packaging film followed by pharmaceutical and medical packaging. However, pharmaceutical and medical packaging applications are expected to offer the highest growth during the next five years.

The global Packaging Film market is fragmented and regions such as North America and Europe are in matured stage. However, Asia-Pacific market shows huge potential to grow in this market. The rising disposable income of the middle-class in India and China is expected to drive the packaging film market in the coming decade.

Demand for PET film in the packaging market is forecast to expand 2.4% annually to 322 million pounds in 2021, outpacing demand for any of the major packaging film resins. Growth will be driven by rising barrier requirements, particularly in food packaging.

For more details download PDF file.

Keywords: Production Process for Polyethylene Terephthalate (PET), Polyethylene Terephthalate (PET) Production and Manufacturing, PET Sheet Making, PET Packaging Film Production, Packaging Films Manufacture, Production of PET Film, Polyester Film Production, PET Film Manufacturing, PET Film Making Plant, PET Film Production, PET Sheet Production, Production of PET Sheet, Film/Sheet Production, PET Sheet Manufacturing Business, PET Sheet Manufacture, PET Sheet Making Unit, How Polyurethane is Made? Manufac

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