

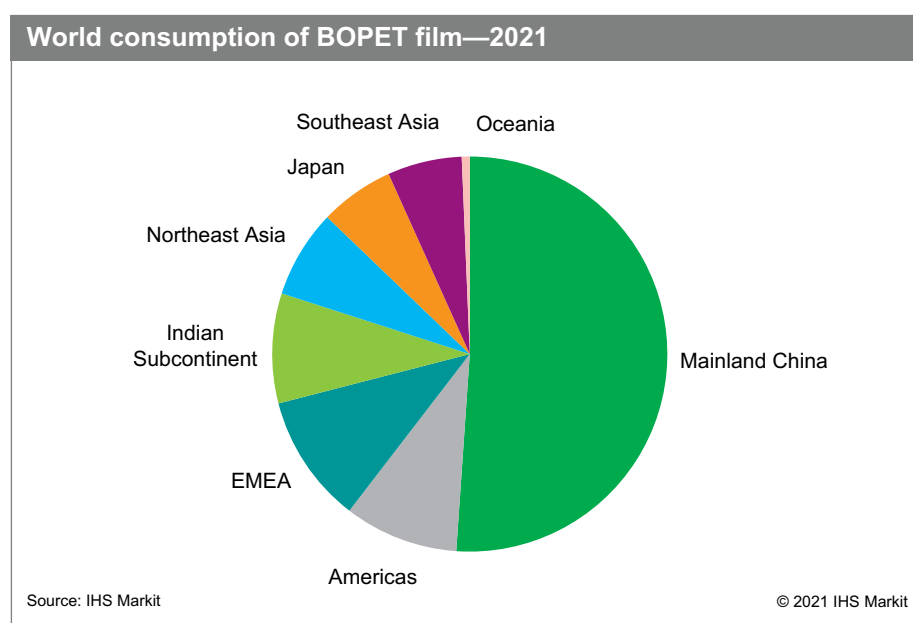
Polyester Film

November 2021

Abstract

Polyester film, as discussed in this report, refers to a high-performance biaxially oriented polyethylene terephthalate (BOPET) film made from polyethylene terephthalate (PET) resin. Mainland China is by far the largest producer worldwide, followed by India.

The following chart shows world consumption of BOPET film:



BOPET film is widely used in flexible packaging applications, thanks to its outstanding mechanical and physical properties such as high tensile strength, chemical and dimensional stability, heat resistance, transparency, gas and aroma barrier properties, and recyclability. Other important uses of BOPET film, are electrical/electronic applications, flat panel displays (FDPs), backsheets for solar panels, and various other industrial applications. These markets together account for over 95% of total global consumption. Polyester film consumption in traditional end-use markets such as magnetic media and photographic films declined significantly in the last few years because of new competing digital technologies. The use of polyester film for magnetic media applications has ceased in most regions.

High margins and steady consumption growth have attracted new investments and capacity additions during the past decade. During 2019–21, 1.3 million metric tons of new production capacity came on stream, primarily

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in mainland China. An estimated additional 540,000 metric tons per year of new capacity is expected until 2023. The new investments will occur primarily in mainland China/India but also in the EMEA region and in the United States. Therefore, the market is expected to remain oversupplied over the next few years, despite sustained growth in demand. In particular, urbanization and the improving lifestyle standards in developing countries will drive the demand for BOPET in flexible packaging. Demand for BOPET film in semiconductors (smartphones) and semiconductors (electric vehicles) is also expected to significantly increase. In contrast, consumption growth in FPDs will remain flat because of an ongoing display technology shift from LCD to OLED, with OLED requiring significantly less PET film compared with LCD.

For more detailed information, see the table of contents, shown below.

IHS Markit's Chemical Economics Handbook – *Polyester Film* is the comprehensive and trusted guide for anyone seeking information on this industry. This latest report details global and regional information, including



Global summary;
regional coverage



Producers with
annual capacities
and plant sites



Production figures
and trends



Consumption and
forecasts by end use
application



Manufacturing
processes and
environmental issues



Trade – imports
and exports

Key benefits

IHS Markit's Chemical Economics Handbook – *Polyester Film* has been compiled using primary interviews with key suppliers and organizations, and leading representatives from the industry in combination with IHS Markit's unparalleled access to upstream and downstream market intelligence and expert insights into industry dynamics, trade, and economics.

This report can help you

- Identify trends and driving forces influencing chemical markets
- Forecast and plan for future demand
- Understand the impact of competing materials
- Identify and evaluate potential customers and competitors
- Evaluate producers
- Track changing prices and trade movements
- Analyze the impact of feedstocks, regulations, and other factors on chemical profitability

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