



Market Insights: Polybutylene Terephthalate - 2021

Market Insights: Polybutylene Terephthalate (PBT) – 2021 is one in a series of reports published as part of NexantECA’s Markets & Profitability program.

NexantECA’s Market Insights report provides a comprehensive review of the global polybutylene terephthalate market.

The following scope is covered:

- Market review and supply/demand/trade outlook for each region
- Breakdown by end-use within each region for 2020
- Markets for nine regions: North America, South America, Western Europe, Central Europe, Eastern Europe, Middle East, Africa, China and Other Asia Pacific
- Competitiveness analysis
- Forecast period: 5 years history and 15 year forecast to 2035

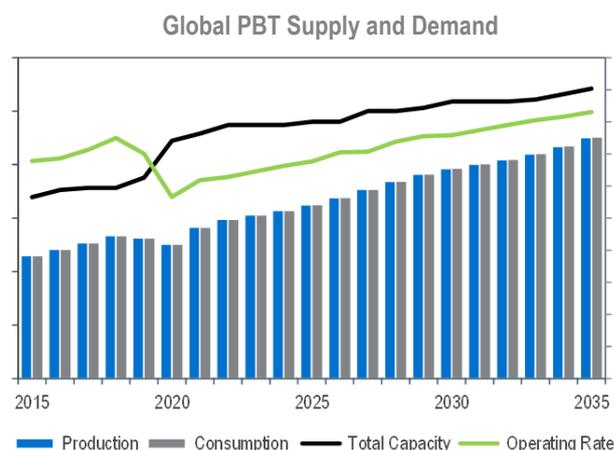
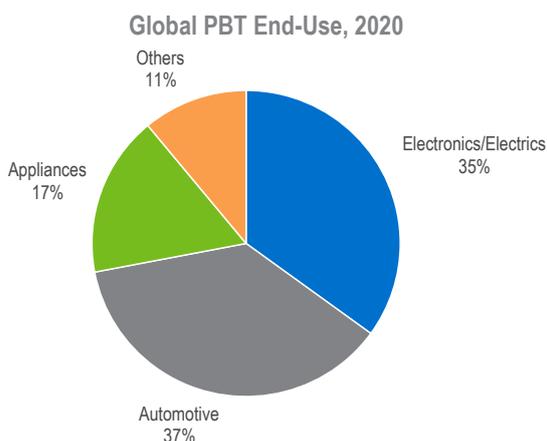
Along with the written report, data is provided in Excel.

Publication: March 2021

Report Abstract:

Polybutylene terephthalate (PBT), one of the most important thermoplastic polyesters, is semi-crystalline in structure and produced by the transesterification of dimethyl terephthalate (DMT) and 1,4-butanediol (BDO) to form bis-hydroxybutyl terephthalate (bis-HBT).

PBT offers a valuable combination of technical properties with its exceptional resistance to heat, creep, and chemicals, along with its good processability and excellent electrical properties. Initially, PBT was first used in the textile industry. However, the most important applications for PBT are for products used in the automotive, electrical, electronics, telecommunication, and precision engineering sectors. Automotive applications are the largest end-use for PBT.



Global demand for PBT declined sharply in the first half of 2020 but recovered in the second half underpinned by higher outputs in automotive, appliances, electronics/electrics. Consumer demand for home devices has increased hence PBT demand from appliance production have surged, particularly in China. As consumers have been spending more time at home to prevent the spread of COVID-19, appliances which are part of the home office setup have been reported to have risen substantially with fiscal stimulus also occurring in several regions, e.g., North America, Europe. This has fueled PBT demand for use in production of electrical and electronic parts as well as appliance parts such as oven handles, iron handles and bases and motor brackets.



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Each region section in Chapter 3 includes:

- Market Overview
- Market Drivers
- Market Constraints
- Competitive Landscape
- Supply and Demand

For additional analysis, please refer to:

- [Market Analytics: Polyester and Intermediates](#)
- [Profitability and Price Forecasts: Polyester and Intermediates](#)
- [Market Insights: Recycled Polyester](#)

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