



Market Insights: Recycled Polyester – 2021

Market Insights: Recycled Polyester - 2021 is one in a series of reports published as part of NexantECA Markets & Profitability program.

NexantECA's upcoming Market Insights report provides a comprehensive review of the global recycled polyester market, including supply by mechanical method and chemical processes (glycolysis and methanolysis/hydrolysis) and demand in bottle, fibre and others. The following scope is covered:

- Discussion regarding key market drivers and constraints for each region
- Markets for nine regions: North America, South America, Western Europe, Central Europe, Eastern Europe, Middle East, Africa, Asia Pacific, and China
- Competitiveness analysis, including competitive landscape, major suppliers and cost competitiveness
- Price forecasts with commentary regarding latest trends
- Forecast period: 10 years history and 15 year forecast to 2035

Along with the written report, data is provided in Excel including capacity listings for major suppliers

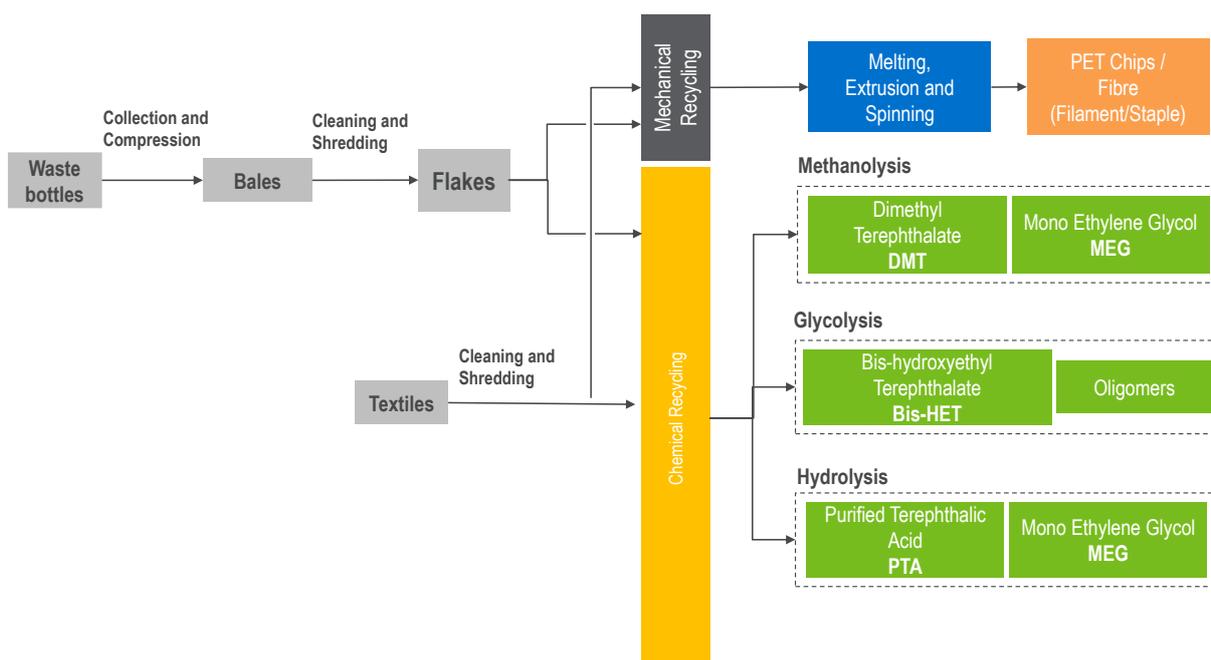
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Report Abstract:

Recycling production and development of recycling technologies have been driven by economics and increasingly the sustainability agenda. On the global level, polyester is almost exclusively produced via the virgin process of PTA esterification. Recycling capacity accounts for a modest percentage, mostly via the mechanical method. The scale of chemical recycling process is rather limited to date.

Step changes in recycled polyester consumption are largely driven by legislation, followed by consumer pressure and brand owner response. The collection infrastructure, funding, governmental and societal backing remain the key success factors. Asia, the United States and Western Europe are the dominant global markets, however the consumption pattern varies markedly between bottle and fibre across these regions.

Consistent quality and availability of bottle flakes and textiles remain the challenge in the recycled polyester value chain. While bottle bales are generally commoditised in most markets, bottle flakes are differentiated by the level of purity and colour. Flake quality is a key consideration for recyclers as it dictates recycled polyester product quality and thus its potential applications.



For more information contact us at Markets@NexantECA.com or www.NexantECA.com



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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 on polyester, please refer to:

- [Market Analytics: Polyester and Intermediates - 2020](#)
- [Profitability and Price Forecast: Polyester and Intermediates - 2020](#)

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Contact Us

For more information:

Markets@NexantECA.com

or

www.NexantECA.com



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The **Markets and Profitability** program tracks over 60 feedstocks, petrochemicals, polymers, chemical intermediates and fertilizers on an ongoing basis and provides regularly updated reports covering all commercial aspects of these global industries. The accompanying database, provides global analysis and forecasts in two major inter-related areas: **Markets and Profitability**.

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Americas

Tel: +1 914 609 0300
44 S Broadway,
4th Floor White Plains
NY 10601-4425
USA

Europe, Middle East & Africa

Tel: +44 20 7950 1600
1 King's Arms Yard
London EC2R 7AF
United Kingdom

Asia Pacific

Tel: +662 793 4600
22nd Floor, Rasa Tower I
555 Phahonyothin Road
Kwaeng Chatuchak
Khet Chatuchak
Bangkok 10900
Thailand