



Market Insights: Thermoplastics Starch (TPS) – 2022

Market Insights: Thermoplastics Starch (TPS) - 2022 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 Thermoplastics Starch (TPS) market. The following scope is covered:

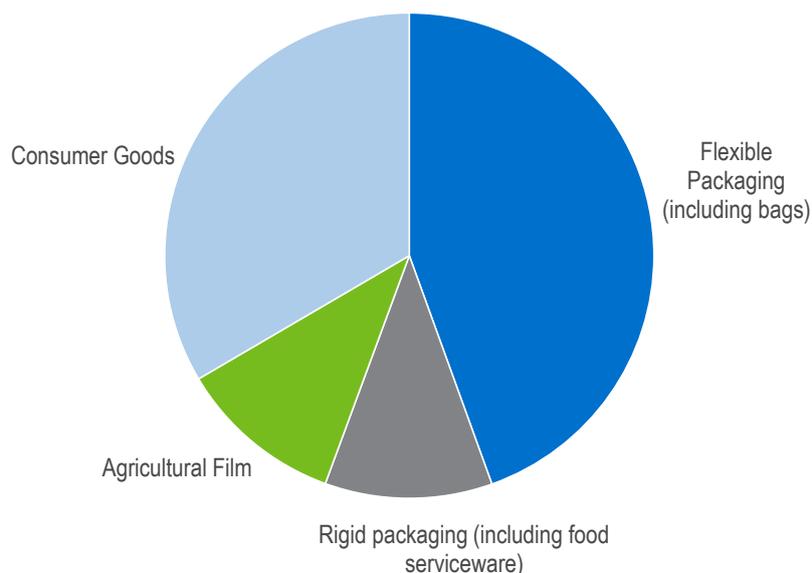
- Discussion regarding key market drivers and constraints for each region
- Supply, demand trade for nine regions: North America, South America, Western Europe, Central Europe, Eastern Europe, Middle East, Africa, Asia Pacific, and China
- End-use analysis includes: flexible packaging; rigid packaging; agricultural film and consumer goods
- Competitiveness analysis, including competitive landscape, who's who of suppliers and cost competitiveness
- Price history and forecast with commentary regarding latest trends
- Forecast period: 5 years history and 15 years forecast to 2035

Along with the written report, data is provided in Excel including global capacity listings

Report Abstract:

Thermoplastic starch (TPS) is one of the main biodegradable polymers available on the global market. Its primary feedstock, starch, is widely available, renewable and generally low cost. Starch is found in nearly all terrestrial plants, at various concentrations and is most abundant in the seeds of cereal grains and tubers (e.g., potatoes). TPS is often blended with natural and synthetic (biodegradable) polyesters such as PLA, polycaprolactone, and polyhydroxybutyrate (PHB) and PBAT. To improve the compatibility of the starch/polyester blends suitable compatibilisers such as poly(ethylene-co-vinyl alcohol) (EVA) and/or polyvinyl alcohol (PVA) are often added which also improve the mechanical properties. These approaches do not compromise the biodegradability of starch and many compositions remain fully compostable. They also have much improved impact resistance and dimensional stability.

Global TPS Blends Demand by End Use



TPS pricing and margins are reviewed and a delivered cost analysis is performed for the major regional suppliers. In addition, the market drivers, key challenges, and potential barriers are evaluated including regulatory framework and policies for stimulating biodegradable polymers demand.



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Each region section in Chapter 3 includes:

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

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- Consultation time with the project team

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