



## Market Insights: Thermoplastic Polyurethane (TPU) – 2024

**Market Insights: Thermoplastic Polyurethane (TPU) – 2024** is one in a series of reports published as part of NexantECA Markets & Profitability program.

NexantECA's Market Insights report provides a comprehensive review of the global TPU market, with historic data from 2015 and forecasts to 2035. The report includes:

- 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: industrial, consumer products, transportation, construction and medical
- Competitiveness analysis, including competitive landscape, who's who of suppliers and delivered cost competitiveness
- Price history and forecast with commentary regarding latest trends

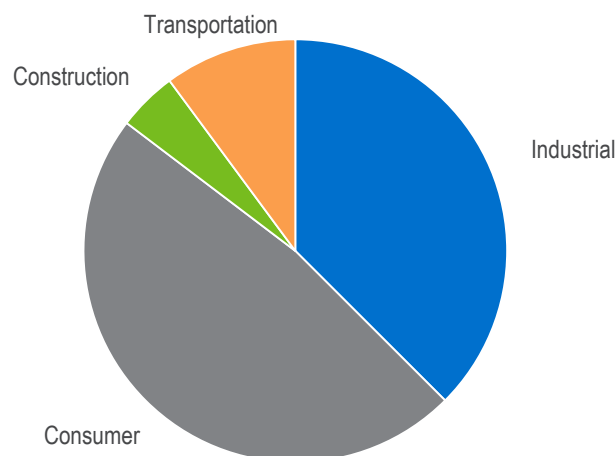
Along with the written report, data is provided in Excel including global capacity listings (including number of lines and process)

### Report Abstract:

Thermoplastic polyurethanes (TPUs) are two-phase systems, consisting of hard and soft blocks. Phase separation strongly affects properties through its impact on crystallinity. The crystalline portions of the polymer provide rigidity and strength, while the amorphous phases provide elastomeric properties. Increasing crystallinity increases hardness, stiffness, and load-bearing properties. Without these crystalline regions, TPUs would lack elastomeric characteristics and be gum-like materials.

TPUs can be processed by injection moulding, extrusion, and even dissolved and used as an adhesive. Due to their versatility, TPUs are found in a wide range of end use segments including industrial applications (wire and cable, hose and tube, and film and sheet, etc.), consumer products (shoe soles, etc.), transportation (exterior panels, instrument panel slush moulded skins, etc.), and construction (roofing membranes, bitumen modification and flooring etc.)

**Global TPUs Demand by End Use**



TPUs pricing and margins are also reviewed and a delivered cost analysis is performed for the major regional suppliers.

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Each region section in Chapter 3 includes:

- Market Overview
- Market Drivers
- Market Constraints
- Competitive Landscape
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## Report License Details:

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