

## **Thermosetting Plastics Market Report and Forecast 2025-2034**

Market Report | 2025-08-11 | 179 pages | EMR Inc.

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### **Report description:**

The global thermosetting plastics market is expected to grow at a CAGR of 5.20% during the forecast period of 2025-2034.

Favourable Physical and Chemical Properties of Thermoset Plastics are Boosting the Market Growth

The global market for thermosetting plastics is being driven by the applications and uses of various types of thermosetting plastics in various end-use industries, owing to their favourable chemical and physical properties. Thermoset plastic polymers cross-link together when curing to form an irreversible chemical bond, thus becoming permanent in their structure. Thermoset plastics offer enhanced chemical resistance, heat resistance, and structural integrity and are in high demand for these favourable properties from end-user industries for complicated industrial applications such as manufacturing of electrical components, and automotive manufacturing, among others, thereby aiding the market growth.

In addition, thermoset injection moulding allows for a wide assortment of small and large parts; thus, detailed geometric shapes that cannot be achieved in metals can be produced in thermoset plastics. This is augmenting the overall market growth of thermosetting plastics by providing advantages over metals owing to their excellent physical properties and surface appearance.

Thermosetting Plastics: Market Segmentation

Thermoset plastics are synthetic polymers that cannot be moulded or reshaped after their initial heat exposure. Thermosetting is the process of converting granular material into moulded shapes through a chemical reaction activated by heat and pressure, which thus forms a strong molecular bond.

Market Breakup by Type

- Unsaturated Polyesters
- Polyurethanes

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- Phenolic
- Epoxy
- Amino
- Alkyd
- Vinyl Ester
- Others

#### Market Breakup by End-User Industry

- Construction
- Adhesive and Sealants
- Electronics and Appliances
- Automotive
- Others

#### Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

#### Rising Demand for Thermoset Plastics from the Construction Industry to Boost the Market Growth

The growth in the global market for thermosetting plastics can be attributed to the rising construction activities across the world. Owing to their excellent chemical properties like chemical and heat resistance, and high structural integrity, thermoset plastics are ideal components in the building structure. In addition, thermosetting plastics are generally used as adhesives and sealants, roofing, and piping due to their lightweight structure, hardness, and thermal and electric insolubility, thus invigorating market demand from the construction industry. Furthermore, epoxies and unsaturated polymers are widely demanded in the construction of bathroom fixations, pipes and tanks for their anti-corrosive properties, and other decorative furniture owing to excellent mechanical properties.

Moreover, the construction industry is flourishing in the Asia Pacific region, owing to rapid industrialisation and urbanisation in countries like India and China, due to which demand for thermosetting plastics is invigorating the overall growth of the industry. In addition, owing to favourable government policies like 'Housing for All by 2022' initiated by the Indian government due to the rising population levels, along with the emergence of commercial buildings like offices, and malls due to heightened foreign investments, are anticipated to robustly drive the market for thermosetting plastics in the Asia Pacific region over the forecast period.

#### Key Industry Players in the Global Thermosetting Plastics Market

The report presents a detailed analysis of the following key players in the global thermosetting plastics market, looking into their capacity, market share, and latest developments like capacity expansions, plant turnabouts and mergers and acquisitions.

- Covestro AG
- Celanese Corporation

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- LANXESS AG
- BASF SE
- INEOS Group Holdings S.A.
- Evonik Industries AG
- Others

The comprehensive report looks at the micro and macro aspects of the industry. The EMR report gives an in-depth insight into the market by providing a SWOT analysis as well as an analysis of the Porter's Five Forces Model.

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