

Transparent Plastics Market to Reach US \$202.48 Billion by 2029

*The Business Research Company's
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What Is The Estimated Industry Size Of Transparent Plastics Market?

In recent years, the size of the transparent plastics market has significantly increased. It is predicted to rise from \$142.33 billion in 2024 to \$150.91 billion in 2025, with a compound annual growth rate (CAGR) of 6.0%.

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Expected to grow to \$202.48 billion in 2029 at a compound annual growth rate (CAGR) of 7.6%”

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The market size for transparent plastics is anticipated to experience robust growth in the following years, with expectations to reach \$202.48 billion in 2029, demonstrating a compound annual growth rate (CAGR) of 7.6%. This projected growth in the forecast period is driven

by factors such as a rising demand in packaging, cost-effectiveness, versatility and adaptability, demand from the healthcare sector, consumer choices, and visual attractiveness. Significant trends expected to occur during the forecast period include sustainability in supply chain, research and development in biopolymers, changes in material substitution and enhancements in customization and design flexibility.

Download a free sample of the transparent plastics market report:

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What Are The Major Factors Driving The Transparent Plastics Global Market Growth?

The transparent plastics market is predicted to be stimulated by rising demand for electric vehicles. Electric vehicles, which can be either completely or partially powered by electricity,

often make use of transparent plastics, given their lightweight and cost-efficient nature, for packaging and various parts such as the external and internal panels, car indicator shields, windows, windshields, among other components. Notably, in April 2023, the France-based intergovernmental organization, International Energy Agency (IEA), reported that the sale of electric cars accounted for 14% of all new cars sold internationally in 2022, which was a significant increase from 9% in 2021. This uptrend is likely to persist in 2023, with over 2.3 million electric vehicles having been sold in the initial quarter itself, reflecting a 25% augmentation from the same time frame the preceding year. Additionally, by the conclusion of 2023, projections show that 14 million electric vehicles would have been sold, displaying a year-on-year rise of 35%, with an escalation in purchases during the latter half of the year. Hence, the transparent plastics market is being propelled by the growing demand for electric vehicles.

Who Are The Leading Companies In The Transparent Plastics Market?

Major players in the Transparent Plastics include:

- DuPont de Nemours Inc.
- Dow Chemical Company
- LyondellBasell Industries NV
- Saudi Basic Industries Corporation
- Covestro AG
- BASF SE
- Ineos Group Limited
- PPG Industries Inc.
- Evonik Industries AG
- Lanxess AG

What Are The Key Trends Shaping The Transparent Plastics Industry?

Bio-based clear plastics are becoming a significant trend in the transparent plastics industry. Contrary to traditional plastics, bio-based plastics are fully or partially derived from biological resources. These include renewable biomass products like plant fats and oils, woodchips, sawdust, and reclaimed food waste. It's important to note that they are not always biodegradable or compostable. Leading market participants are concentrating on introducing bio-based polymers and plastics to drive market expansion. For instance, Lignin Industries AB, a Swedish firm specialising in bio-based plastic production, introduced a new plastic produced from forest remains in June 2024. The firm claims it has developed a method to substitute fossil fuel-dependent plastics with lignin, a naturally occurring material, to create sustainable, circular bioplastics. Lignin, a prevalent organic polymer in trees, plays a crucial role in offering structural support, aids in water retention, and prevents toxin absorption. This innovative product, named Renol, finds its applications in industrial materials like Polyethylene (PE), Acrylonitrile Butadiene Styrene (ABS), and Polypropylene (PP), and is utilised in varying sectors from home goods to consumer electronics, car parts, and PE films, among other uses.

What Are The Primary Segments Covered In The Global Transparent Plastics Market Report?

The transparent plastics market covered in this report is segmented –

- 1) By Type: Rigid Transparent Plastics, Flexible Transparent Plastics
- 2) By Polymer Type: Polyethylene Terephthalate (PET), Polyvinyl Chloride (PVC), Polypropylene (PP), Polystyrene (PS), Polycarbonate (PC), Polymethyl Methacrylate (PMMA), Other Polymers
- 3) By Application: Packaging, Building And Construction, Electrical And Electronics, Automotive, Consumer Goods, Healthcare, Other Applications

Subsegments:

- 1) By Rigid Transparent Plastics: Polycarbonate (PC), Acrylic (PMMA), Polyethylene Terephthalate Glycol (PETG), Polystyrene (PS)
- 2) By Flexible Transparent Plastics: Polyvinyl Chloride (PVC), Thermoplastic Polyurethane (TPU), Ethylene-Vinyl Acetate (EVA), Flexible Polyethylene (PE)

View the full transparent plastics market report:

<https://www.thebusinessresearchcompany.com/report/transparent-plastics-global-market-report>

Which Region Is Forecasted To Grow The Fastest In The Transparent Plastics Industry?

In 2024, the Transparent Plastics market was dominated by the Asia-Pacific region, which is also projected to see the most rapid growth in the forecasted period. The report on this market investigates several regions, specifically Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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