

Plastics In Electronics Market: Future Demand and Top Key Players Analysis | 2029

*The Business Research Company's
Plastics In Electronics Global Market
Report 2025 – Market Size, Trends, And
Global Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED
KINGDOM, October 29, 2025

/EINPresswire.com/ -- What Is The
Expected Cagr For The Plastics In
Electronics Market Through 2025?

In the past few years, there has been a significant increase in the size of the [plastics in electronics market](#). It's projected to expand from a worth of \$53.92 billion in 2024 to \$59.75 billion in 2025 - a compound annual growth rate (CAGR) of 10.8%. This exceptional growth in the



Get 20% Off All Global
Market Reports With Code
ONLINE20 – Stay Ahead Of
Trade Shifts,
Macroeconomic Trends, And
Industry Disruptors”

*The Business Research
Company*

The logo for The Business Research Company, featuring the company name in a serif font and a stylized bar chart graphic to the right with three bars of increasing height.

The Business
Research Company

The Business Research Company

historical period is credited to factors such as heightened usage of nano-engineered polymer composites for improved electrical performance, growing acceptance of bio-based plastics in electronics as a measure to decrease carbon footprint, an increase in the use of shape-memory polymers for flexible electronic elements, escalated employment of antistatic and electromagnetic interference shielding plastics, and a rising application of transparent conductive polymers in display and touch technologies.

In the upcoming years, the [plastics in electronics market](#)

[growth](#) is set to experience swift growth, projected to reach a worth of \$88.97 billion by 2029, growing at a CAGR of 10.5%. This anticipated growth over the forecast period can be credited to factors such as the rising demand for lightweight, miniaturized electronic components, increased adoption of sophisticated polymers in the electronic industry for thermal management, consumer inclination towards high-performance, durable electronic devices, the growing use of recyclable and eco-friendly plastics in the production of electronics, and the increased incorporation of plastics in the production of next-gen wearable and flexible electronics. The forecast period will also see some major trends including the upgrading of high-conductivity polymers for heat management, bio-degradable and sustainable plastic developments for electronics, innovative improvements in stretchable and flexible polymer materials for wearable

tech, the usage of nanocomposites for the enhancement of electrical and mechanical properties, and escalating adoption of self-healing and flame-resistant plastics in the manufacturing of electronic components.

Download a free sample of the plastics in electronics market report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=28758&type=smp>

What Are The Key Factors Driving Growth In The Plastics In Electronics Market?

The upward trend in electric vehicle (EV) use is projected to stimulate the expansion of the plastics in electronics market. Electric vehicles, which are either fully or partly driven by electric motors powered by energy stored in batteries, as opposed to being solely reliant on internal combustion engines, are becoming increasingly popular. This surge is largely due to growing concerns about the environment and government initiatives that encourage the use of low-emission transport. Plastics play a significant role in electric vehicles, as they are utilized for creating lightweight structural components, insulation, connectors, battery casings, and interior parts, consequently enhancing efficiency, safety, and overall vehicle performance. For example, the International Energy Agency (IEA), a France-based intergovernmental organization, reported that approximately 14 million electric vehicles were newly registered worldwide in 2023. This led to a rise in total EVs on streets to around 40 million units, marking a yearly surge of 3.5 million vehicles, or a 35% growth. Electric cars consequently accounted for almost 18% of total global car sales, a rise from 14% in 2022. As such, the rising uptake of electric vehicles is fuelling the expansion of the plastics in electronics market.

What Are The Top Players Operating In The Plastics In Electronics Market?

Major players in the Plastics In Electronics Global Market Report 2025 include:

- Sinopec Group
- BASF SE
- Dow Inc.
- LG Chem
- LyondellBasell Industries N.V.
- SABIC
- Mitsubishi Chemical Corporation
- Asahi Kasei Corporation
- Sumitomo Chemical Co., Ltd.
- Toray Industries, Inc.

What Are The Key Trends Shaping The Plastics In Electronics Industry?

Leading firms in the plastics in electronics market are progressively centering their efforts on advancements in polymer technology. This includes the creation of bio-based and high-performance plastics aimed at bolstering sustainability and diminishing dependence on fossil fuels. These bio-based plastics, primarily or partly sourced from renewable materials like plants or cellulose, serve as an eco-friendly substitute without sacrificing thermal stability, structural robustness, or electrical insulation. One instance is the product launch by Skullcandy Inc., a US

lifestyle audio brand, of their EcoBuds True Wireless Earbuds in March 2024. This product, incorporating 65% certified recycled plastics, captured a 50% lesser carbon footprint contrasted to traditional designs. This exemplifies the trend among electronics manufacturers towards the utilization of advanced polymers, in order to maintain a combination of performance, resilience, and sustainability. Anticipated innovations in the field of polymer science are predicted to encourage wider employment of plastics in the electronics industry, especially in consumer gadgets, automotive electronics, and other high-demand applications.

Comprehensive Segment-Wise Insights Into The Plastics In Electronics Market

The plastics in electronics market covered in this report is segmented as

- 1) By Product Type: Thermoplastics, Thermosets, Engineering Plastics, Conductive Plastics, Other Product Types
- 2) By Application: Consumer Electronics, Automotive Electronics, Industrial Electronics, Medical Devices, Other Applications
- 3) By End-Use Industry: Consumer Goods, Automotive, Healthcare, Industrial, Other End-Use Industries

Subsegment:

- 1) By Thermoplastics: Polycarbonate (PC), Polyethylene (PE), Polypropylene (PP), Polystyrene (PS), Acrylonitrile Butadiene Styrene (ABS), Polyamide (PA), Polyethylene Terephthalate (PET)
- 2) By Thermosets: Epoxy Resin, Phenolic Resin, Melamine Formaldehyde (MF), Urea Formaldehyde (UF), Polyurethane (PU)
- 3) By Engineering Plastics: Polyoxymethylene (POM), Polyetheretherketone (PEEK), Polyphenylene Sulfide (PPS), Polyamide-Imide (PAI), Polybutylene Terephthalate (PBT)
- 4) By Conductive Plastics: Carbon-Filled Plastics, Metal-Filled Plastics, Polymer Composites, Graphene-Based Plastics
- 5) By Other Product Types: Liquid Crystal Polymers (LCP), Silicones, Thermoplastic Elastomers (TPE), Acrylics

View the full plastics in electronics market report:

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

Global Plastics In Electronics Market - Regional Insights

In the 2025 Global Market Report for Plastics In Electronics, Asia-Pacific led in terms of size for the year 2024 and is expected to exhibit growth. The report encompasses several regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

Browse Through More Reports Similar to the Global Plastics In Electronics Market 2025, By [The Business Research Company](#)

Fertilizing And Plant Protection Equipment Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/fertilizing-and-plant-protection-equipment-global-market-report>

Plant Genomics Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/plant-genomics-global-market-report>

Planting Machines Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/planting-machines-global-market-report>

Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: saumyas@tbrc.info

The Business Research Company - www.thebusinessresearchcompany.com

Follow Us On:

• LinkedIn: <https://in.linkedin.com/company/the-business-research-company>"

Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/862231716>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.