

Globally Thermally Conductive Plastics Market - Forecasts from 2019 to 2024

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Abstracts

The global thermally conductive plastic market was valued at US\$491.234 million in 2018 and is anticipated to grow at a CAGR of 10.54% to reach a market size of US\$896.442 million by 2024. Thermally conductive plastics (TCPs) are comparatively lighter than other alternative materials such as metals and ceramics. They are easy to handle, mold, customize, higher scratch resistance, impact strength and resistance to abrasions. The major factors contributing to the growth of the market include factors such as heat dissipation in various applications such as automotive, electronics, medical devices and development of smart electronics, these are a cost-effective alternative to metals and ceramics, thus will drive the market growth during the forecast period. This growing production of automobiles worldwide will further drive the automotive thermally conductive plastic market. Furthermore, the growing semiconductor industry and the use of microelectronics will further provide an opportunity for the market to thrive during the forecast period and in the upcoming years. Additionally, due to the presence of well-diversified global and regional players, the market is expected to propel at a fast pace with technological advancements in the field of plastics further leading to an increase in the company's product portfolio.

Geographically, the Asia Pacific region is estimated to hold a significant share on the account of the growing semiconductor and automotive industry. On the other hand, the market in the North American region is expected to hold the largest market share due to early technology adoption.

The Global Thermally Conductive Plastic Market – Forecasts from 2019 to 2024 is an exhaustive study which aims to present the key market trends through various chapters focusing on different aspects of the market. The study provides a detailed market overview through the market dynamics sections which detail key market, drivers,

restraints, and opportunities in the current market. The report analyzes key opportunity regional markets, and the current technology penetration through lifecycle analysis. The report also analyzes the market through comprehensive market segmentation by type, end user, and geography.

The global thermally conductive plastic market has been segmented based on type, end user, and geography. Based on type, the market has been segmented into Polyamide, Polybutylene terephthalate (PBT), Polycarbonate, Polyphenylene Sulfide (PPS), Polyetherimide, and Other (PEEK, PEKK). On the basis of end user, the market has been segmented into electrical & electronics, automotive, healthcare, aerospace, and others.

Regional analysis has been provided with detailed analysis and forecast for the period 2018 to 2024. The global market has been broken down into North America, South America, Europe, Middle East and Africa (MEA), and the Asia Pacific regions. The report also analyzes 15 major countries across these regions with thorough analysis and forecast along with prevailing market trends and opportunities which each of these countries present for the manufacturers.

Major players in the global thermally conductive plastic market have been covered along with their relative competitive position and strategies. The report also mentions recent deals and investments of different market players over the last year. The company profiles section details the business overview, financial performance for the past three years, key products and services being offered along with the recent developments of these important players in the global thermally conductive plastic market.

Segmentation:

By Type

Polyamide

Polybutylene terephthalate (PBT)

Polycarbonate

Polyphenylene Sulfide (PPS)

Polyetherimide

Other (PEEK, PEKK)

By End User

Electrical & Electronics

Automotive

Healthcare

Aerospace

Others

By Geography

North America

USA

Canada

Mexico

South America

Brazil

Argentina

Others

Europe

United Kingdom

Germany

France

Spain

Others

Middle East and Africa

Saudi Arabia

Israel

Others

Asia Pacific

China

Japan

India

South Korea

Others

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