

# **Global Thermally Conductive Plastics Market Size study, by Type (Polyamide, Polycarbonate, Polyphenylene Sulphide, Polybutylene Terephthalate, Polyetherimide, Others), by End-Use Industry (Electrical & Electronics, Automotive, Industrial, Healthcare, Aerospace, Others) and Regional Forecasts 2019-2026**

<https://marketpublishers.com/r/G5203E7618FAEN.html>

Date: February 2020

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G5203E7618FAEN

## **Abstracts**

Global Thermally Conductive Plastics Market is valued approximately USD 174 million in 2018 and is anticipated to grow with a healthy growth rate of more than 13% over the forecast period 2019-2026. Surge in demand for better thermal management in the electrical and electronics device, demand for lightweight vehicles etc. has led to the growth of thermally conductive plastics. Thermally conductive plastics include Polybutylene terephthalate (PBT), Polyetherimide (PEI), Polyphenylene Sulfide (PPS), Polycarbonate (PC), Polyamide (PA) and others. Thermally Conductive Plastics comprises properties such as impact resistance, high temperature resistance, abrasion resistance, excellent balance of strength, resistant to bases, and heat conductivity. Typical applications of thermally conductive plastics include heat sinks for LEDs and other heat sources, electronic device housings, heat exchangers, battery housings and temperature sensors and cooling systems. Increasing demand for the plastics in the manufacturing of lightweight heat sinks, LED lights, electrical vehicles, lightweight automotive vehicles and medical devices are prime factors contributing towards market growth. The huge rise in construction and uptake of vehicles is expected to propel the need for thermally conductive plastics products in the automotive industry. Furthermore, product innovations and continuous R&D is expected to create significant growth opportunity in the market over the forecast period. However, high cost and complex production impedes the growth of the market over the forecast period of 2019-2026.

The regional analysis of global Thermally Conductive Plastics market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the significant region across the world in terms of market share owing to the strong presence of thermally conductive plastic manufacturers in the region. Whereas, Asia-Pacific is anticipated to exhibit highest growth rate / CAGR over the forecast period 2019-2026. Factors such as increasing demand for smart electronics and personal vehicles, well-established electronics manufacturing sector would create lucrative growth prospects for the Thermally Conductive Plastics market across Asia-Pacific region.

Major market player included in this report are:

Celanese Corporation  
Royal DSM N.V.  
Polyone Corporation  
Saudi Basic Industries Corporation (SABIC)  
RTP Company  
BASF SE  
Covestro AG (Bayer Materialscience)  
E. I. Du Pont De Nemours and Company (Dupont)  
Ensinger GmbH  
Kaneka Corporation

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Polyamide  
Polycarbonate  
Polyphenylene Sulphide  
Polybutylene Terephthalate  
Polyetherimide  
Others

**By End-Use Industry:**

Electrical & Electronics  
Automotive  
Industrial  
Healthcare  
Aerospace  
Others

**By Region:**

North America  
U.S.  
Canada  
Europe  
UK  
Germany  
Asia Pacific  
China  
India  
Japan  
Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2016, 2017

Base year – 2018

Forecast period – 2019 to 2026

Target Audience of the Global Thermally Conductive Plastics Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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