

High Temperature Plastics Market - Industry Trends, Opportunities and Forecasts to 2023

<https://marketpublishers.com/r/HDDECB7E14DEN.html>

Date: January 2017

Pages: 80

Price: US\$ 3,600.00 (Single User License)

ID: HDDECB7E14DEN

Abstracts

The global high temperature plastics market was valued at US\$13.850 billion in 2017 and is projected to reach US\$21.196 billion by 2023 exhibiting a CAGR of 7.35% during the forecast period. High temperature plastics are specialty plastics that are used in applications with high temperature requirements. The advantages include chemical stability and high mechanical properties such as resistance to wear, effective electrical insulation, resistance to UV, fire, and chemicals at higher temperatures. Owing to all these properties these plastics are used in a number of industries such as aerospace, chemical, automobile, electrical/electronics, healthcare among others. The growth in aerospace and coating industry is driving the high temperature plastics Market. The transportation industry is also expected to contribute significantly as there is a large demand for high-performance and lightweight materials to manufacture interior, exterior, and under-the-hood components. Another factor accelerating growth includes increasing R&D investment by major players to develop new applications and products in order to cater to a larger customer base. However, the major restraining factor is the high cost of material. Asia pacific is expected to dominate the market over the next six years. The major factor driving the growth in the APAC region is due to the shift of manufacturing hubs from western regions to the Asia-Pacific.

Research Methodology

The report provides a brief introduction to the market and deals with detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segmentation which has been covered as part of the report.

Market Dynamics

This section provides comprehensive market dynamics through an overview section along with growth drivers, challenges, and opportunities which exist in the current market. This section of the report also provides supplier and industry outlook as a whole; key industry, global and regional regulations which are determining the high temperature plastics market growth. Complete industry analysis has also been covered by Porter's five forces model as a part of this report section.

Segmentation

High temperature plastics market has been segmented on the basis of type, end-use industry, and geography as follows:

By Type

Fluoropolymers

Polyphenylene Sulphide

Polyimides

Polysulfones

Others

By End-Use Industry

Transportation

Electrical & Electronics

Industrial

Medical

Others

By Geography

Americas

North America

South America

Europe Middle East and Africa

Europe

The Middle East and Africa

Asia Pacific

Market Players

Competitive intelligence and company profiles sections analyze key players in the market, their growth strategies, products, financials, and recent investments among others. Key industry players profiled as part of this section are Solvay, DuPont, SABIC Innovative Plastics, Celanese Corporation and Victrex among others.

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