Global Market Study on Conductive Carbon Black: Plastics Application to Exhibit Highest Growth by 2020

Description: Report Synopsis

This study offers a 6-year forecast of the global conductive carbon black market between 2015 and 2021. The market is expected to expand at a CAGR of 6.8% and 6.0% in terms of value and volume, respectively, during the projected period. The study demonstrates the market dynamics and trends in all the five regions, which are expected to influence the current nature and future status of the conductive carbon black over the forecast period.

Report Description

This report examines the global conductive carbon black market for the period 2015–2021. The primary objective of the report is to offer updates on the growth of the conductive carbon black type in the carbon black market and the expanding applications of conductive carbon black globally.

The carbon black market is the parent market of conductive carbon black. Conductive carbon black is a specialty carbon black used in various applications, but primarily in electrical components and appliances as it enhances the electrical conductivity of materials. Electrical conductivity encompasses mechanical property enhancement and mechanical strength enhancement. The five important properties of conductive carbon black are electrical conductivity, low loading, particle size, surface area and color, all of which determine its widening applications across various industries. In terms of volume, conductive carbon black accounts for merely 1% of the carbon black used globally but is expected to emerge as one of the fastest growing materials in the market in the coming years.

In the next section, PMR covers the conductive carbon black market performance in terms of its global revenue split. This section additionally includes PMR’s analyses of the key trends, drivers and restraints, which are influencing the conductive carbon black market. Impact analysis of key growth drivers and restraints, based on the weighted average model, is included in this report to provide better insights.

Conductive carbon black finds key applications in plastics, battery electrodes, rubber, paints and coatings. The other minor applications of conductive carbon black are found in adhesives, sealants and metallurgical purposes. The conductive carbon black applications are described in details with regard to the value and volume share held by each application in the global conductive carbon black market.

The report highlights the market values and volumes in each of the five regions. It provides a market outlook for 2015–2021 and sets the forecast within the context of the conductive carbon black market. This study draws inferences from the key regional trends contributing to the growth of the carbon black market, in order to estimate and forecast the values and volumes for the regional conductive carbon black markets. The global conductive carbon black market report analyses the degree at which the global drivers are influencing this market in each region. Key regions assessed in this report include North America, Latin America, Europe, Asia-Pacific and the Middle East and Africa.

To calculate the conductive carbon black market size, we first considered revenue generated from the sale of carbon blacks, the parent market for conductive carbon black. The forecast presented here assesses the total revenue generated, by value and volume, across the conductive carbon black market. In order to offer an accurate forecast, we started by sizing the current market, which forms the basis of how the conductive carbon black market would develop in the future. However, forecasting the market in terms of various conductive carbon black segments and regions is more a matter of quantifying expectations and identifying opportunities rather than rationalising them after the forecast has been completed.

In addition, it is imperative to note that in an ever-fluctuating global economy, we not only conduct forecasts in terms of CAGR, but also analyse on the basis of key parameters, such as Year-on-Year (Y-o-Y) growth, to understand the predictability of the market and to identify the right opportunities available in the conductive carbon black market.
The conductive carbon black market is split into a number of sub-segments. All the conductive carbon black sub-segments, in terms of applications and regions, are analysed on the basis of the Basis Point Share (BPS) to understand the individual segments' relative contributions to the market growth. This detailed level of information is important for the identification of various key trends witnessed in the conductive carbon black market.

Another key feature of this report is the analysis of all key conductive carbon black segments, sub-segments and regional adoption and revenue forecast in terms of the absolute dollar. This is traditionally overlooked while forecasting the market. However, the absolute dollar opportunity is critical in assessing the level of opportunity that a provider can look to achieve, as well as to identify potential resources from a sales and delivery perspective in the conductive carbon black market.

The conductive carbon black competitive landscape is included to provide report audiences with a dashboard view, based on categories of providers in the value chain, their presence in the conductive carbon black market and key differentiators. Key categories of providers covered in the report are conductive carbon black providers. This section is primarily designed to provide clients with an objective and detailed comparative assessment of key providers specific to a market segment in the value chain of the conductive carbon black market. Report audiences can gain segment-specific vendor insights to identify and evaluate key competitors based on an in-depth assessment of their capabilities and success in the conductive carbon black marketplace. Detailed profiles of the providers are also included in the scope of the report to evaluate their long-term and short-term strategies, key offerings and recent developments in the conductive carbon black market.


Key Segments Covered
By conductive carbon black application
Plastics
Battery electrodes
Rubber
Paints & coatings
Others
Key Regions/Countries Covered
North America
Latin America
Europe
Asia-Pacific
Middle East & Africa

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