

Global Carbon Black Industry Report 2016

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Abstracts

This report provides detailed analysis of worldwide markets for Carbon Black from 2011-2016, and provides extensive market forecasts (2016-2021) by region/country and subsectors. It covers the key technological and market trends in the Carbon Black market and further lays out an analysis of the factors influencing the supply/demand for Carbon Black, and the opportunities/challenges faced by industry participants. It also acts as an essential tool to companies active across the value chain and to the new entrants by enabling them to capitalize the opportunities and develop business strategies.

Carbon black (subtypes are acetylene black, channel black, furnace black, lamp black and thermal black) is a material produced by the incomplete combustion of heavy petroleum products such as FCC tar, coal tar, ethylene cracking tar, and a small amount from vegetable oil. Carbon black is a form of paracrystalline carbon that has a high surface-area-to-volume ratio, albeit lower than that of activated carbon. It is dissimilar to soot in its much higher surface-area-to-volume ratio and significantly lower (negligible and non-bioavailable) PAH (polycyclic aromatic hydrocarbon) content. However, carbon black is widely used as a model compound for diesel soot for diesel oxidation experiments.[1] Carbon black is mainly used as a reinforcing filler in tires and other rubber products. In plastics, paints, and inks carbon black is used as a color pigment. The current International Agency for Research on Cancer (IARC) evaluation is that, 'Carbon black is possibly carcinogenic to humans (Group 2B)'. Short-term exposure to high concentrations of carbon black dust may produce discomfort to the upper respiratory tract, through mechanical irritation.

GCC's report, Global Carbon Black Industry Report 2016, has been prepared based on the synthesis, analysis, and interpretation of information about the global Carbon Black market collected from specialized sources. The report covers key technological developments in the recent times and profiles leading players in the market and

analyzes their key strategies. The competitive landscape section of the report provides a clear insight into the market share analysis of key industry players. The major players in the global Carbon Black market are Cabot Corporation, Sid Richardson Carbon & Energy, Orion Engineered Carbons, Omsk Carbon Group, Tokai Carbon Group, Mitsubishi Chemical, Asahi Carbon, Aditya Birla Group, Phillips Carbon Black Limited, China Synthetic Rubber Corporation, Jiangxi Blackcat, Longxing Chemical, Shandong Huadong Rubber, Suzhou Baohua.

The report provides separate comprehensive analytics for the North America, Europe, Asia-Pacific, Middle East and Africa and Rest of World. In this sector, global competitive landscape and supply/demand pattern of Carbon Black industry has been provided.

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ABBREVIATIONS

DISCLAIMER

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