

Inorganic Pigments – A Global Market Overview

“The report reviews, analyzes and projects the global market for Inorganic Pigments for the period 2014-2023. Global markets for inorganic pigment types analyzed include Cadmium, Carbon Black, Chromium Oxide, Iron Oxide, Titanium Dioxide and Other Inorganic Pigments. The study also explores the major applications of organic pigments including Paints & Coatings, Plastics, Printing Inks and Other Applications.”

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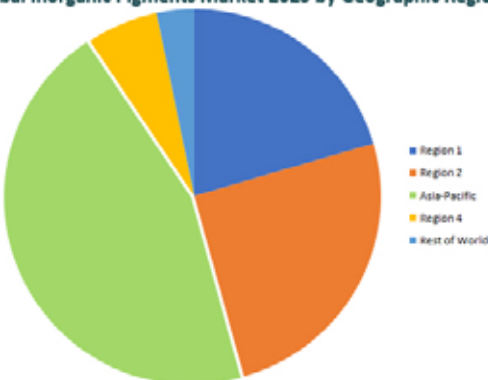
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Report Synopsis

Inorganic pigments are comparatively easier to disperse and the dispersion process typically requires three principal components, i.e., pigment, surfactant and grinding vehicle. These three ingredients are precisely calculated and blended during the formulation process. The processing of pigment dispersions faces the challenge of stabilizing the primary particle size and if this is not performed appropriately, the pigment aggregates into groups interconnected through intermolecular forces. Since inorganic pigments are easier to disperse compared to organic pigments, they are extensively utilized in several plastic, printing ink and paint & coating applications. These favorable characteristics of inorganic pigments are likely to drive future market growth.

Asia-Pacific is the largest global market for Inorganic Pigments and also the fastest growing, with the region’s dominance very likely to continue. Rapid industrialization, infrastructure building and a burgeoning automotive industry in regions, such as China and India, will increase demand for paints & coatings, the largest and fastest growing application area for inorganic pigments. The worldwide market is estimated at US\$16 billion in 2017 and is forecast to reach US\$16.8 billion in 2018.

Global Inorganic Pigments Market 2023 by Geographic Region



Source: Industry Experts, Inc. <http://industry-experts.com>

Research Findings & Coverage

- The global market for Inorganic Pigments market is explored in this study with respect to pigment types and major application areas
- The study extensively analyzes each major application of inorganic pigments with market snapshot for the analysis period

- Titanium Dioxide Features in Color Trends of 2018
- Advancements in High-Performance Carbon Black Cover Emerging Trends
- Carbon Black Goes “Green”
- Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
- Major companies profiled – 57
- The industry guide includes the contact details for 204 companies

Product Outline

The report analyzes the market for the key types of Inorganic Pigments including:

- Cadmium
- Carbon Black
- Chromium Oxide
- Iron Oxide
- Titanium Dioxide
- Others

Application Areas of Inorganic Pigments analyzed comprise the following:

- Paints & Coatings
- Plastics
- Printing Inks
- Other Applications

Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the global Inorganic Pigments market for the period 2014-2023 in terms of market value in US\$ and the compound annual growth rates (CAGRs) projected from 2017 through 2023

Geographic Coverage

- **North America** (The United States, Canada and Mexico)
- **Europe** (France, Germany, Italy, Russia, Spain, The United Kingdom and Rest of Europe)
- **Asia-Pacific** (China, India, Japan, South Korea and Rest of Asia-Pacific)
- **South America** (Argentina, Brazil and Rest of South America)
- **Rest of World**

SAMPLE COMPANY PROFILE

CATHAY INDUSTRIES (HONG KONG)

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Phone: +852 2721 2257, Fax: +852 2721 6614
www.cathayindustries.com

Business Overview

Established under the name Advanced Chemicals Limited, Cathay Industries is a global producer and supplier of complete colors solutions based in Kowloon, Hong Kong. The company is engaged in the manufacture of high quality iron oxide; manufacture of highest purity iron oxide for use in the food, pharmaceutical and cosmetic industries; and supply of raw materials in cost-effective way with completely customized supply solutions for all industries. Besides headquarters, the company established iron oxide pigment plants in Tongling and Yixing in China; high purity iron oxide production unit in Valparaiso, the United States; natural and green transparent iron oxide production facility in Hiwassee, the United States; spray-dried granule plant in Tongling, China; and finishing and blending plants all over China.

Product Portfolio

Product	Particulars
Iron Oxides	<p>Products include a broad variety of iron oxide pigments from economical grades for construction uses, to high quality CATHAYCOAT™ for top coating, and the highest-purity CATHAYPURE™ for cosmetics</p> <ul style="list-style-type: none"> · CATHAYPURE™ series of high purity iron oxide pigments with extremely low heavy metal content <ul style="list-style-type: none"> ○ Customized for high purity applications such as cosmetics, medicines and food packaging ○ Classified into E and Z grades ○ Pigments comprise CATHAYPURE™ ORANGE OP2660 high purity orange iron oxide, and CATHAYPURE™ BROWN BRP2870 high purity brown iron oxide pigment ○ Exhibit high chemical purity and are permitted by EU FDA as additives for pharmaceuticals, drugs and cosmetics · CATHAYRED™ High Chroma Reds <ul style="list-style-type: none"> ○ Excellent Red iron oxide pigments produced using a unique precipitation technology to deliver brighter colour ○ Well suited for exacting colorant applications comprising architectural paints, industrial coatings, product finishes, and wood stains ○ Pigments include CATHAYRED™ RA18YD and CATHAYRED™ RA14YD bright maroon shade powder pigment; CATHAYRED™ RA13YD, CATHAYRED™ RA11YD, CATHAYRED™ RA12YD, CATHAYRED™ RA11YC, CATHAYRED™ RA12BD, and CATHAYRED™ RA10YD bright and yellowish red powder pigment ○ Offer high heat stability and superior weathering and light fastness as well as exceptional opacity, acid and alkali resistance, chemical resistance, exterior durability and compatibility ○ These pigments are highly micronized to provide easy dispersion with high-speed impeller (Cowles type) milling equipment or single & twin screw extruders

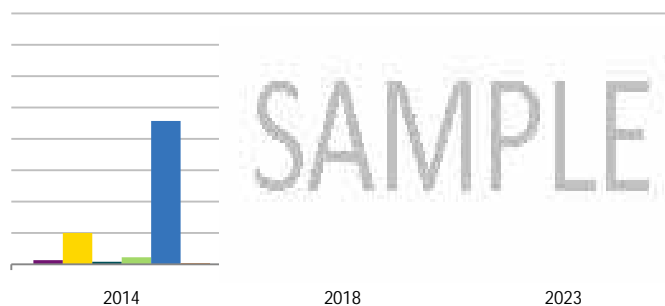
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SAMPLE TABLE/CHART

Glance at 2018 Global Inorganic Pigments Market Share (%) by Geographic Region – North America, Europe, Asia-Pacific, South America and Rest of World



Asia-Pacific Inorganic Pigments Market Analysis (2014-2023) by Type – Cadmium, Carbon Black, Chromium Oxide, Iron Oxide, Titanium Dioxide and Other Inorganic Pigments in USD Million



KEY PLAYERS PROFILED

- Asahi Kasei Kogyo Co., Ltd.
- BASF SE
- Cabot Corporation
- Carl Schlenk AG
- Cathay Industries
- Chromaflo Technologies Corporation
- Cristal Group - National Titanium Dioxide Company
- Dainichiseika Color & Chemicals Mfg. Co., Ltd.
- Dominion Colour Corporation
- ECKART GmbH
- Ferro Corporation
- Flint Group S.A.
- Heubach GmbH
- Lanxess Deutschland GmbH
- Merck KGaA
- Orion Engineered Carbons GmbH
- Sudarshan Chemical Industries Ltd.
- Tata Pigments Ltd.
- The Chemours Company
- Toda Kogyo Corp.
- Tronox Limited
- Venator Materials Plc
- VIBFAST Pigments Pvt., Ltd.

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