Market Analysis on C Resin market, BOPP Films market and Stainless Steel Powder market forecasted till 2030

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SEATTLE , WASHINGTON, USA, July 4, 2023 /EINPresswire.com/ -- Executive Summary:

The C Resin market research report provides an in-depth analysis of the current market conditions for C Resin and offers insights into its size and growth potential within the industry. The report highlights key factors driving market growth, including the increasing demand for C Resin in various end-use industries such as automotive, construction, electronics, and packaging. The report also identifies challenges and opportunities in the market, including the volatility of raw material prices and the need for sustainable and eco-friendly resin alternatives. The global C Resin market size was valued at USD 3.5 billion in 2022 and is projected to reach USD 5.2 billion by 2030, growing at a CAGR of 5.3% during the forecast period.

The global C Resin Market is highly competitive and is dominated by a few key players such as ExxonMobil, Eastman, Kolon Industries, Cray Valley (Total), Rain Carbon, Arakawa Chemical, Mitsui Chemicals, Zeon Corporation, Tosoh, Idemitsu Kosan, Formosan Union, Resinall, Neville, Shangdong Qilong, Zibo Luhua, Henghe Materials, Guangdong Xinhuayue, Fushun Huaxing, Daqing Huake, Kete Chemical, Jinhai Chengguang, Zhejiang Derong Chemical, Yuangang Chemical, Puyang Ruisen Petroleum Resins, Ecisco New Material, Shandong Landun Resin, Shandong Yuhuang Chemical, Tongxin New Material, Binder Chemical, and Zibo Kaixin.

ExxonMobil is the largest player among all the companies operating in the C Resin Market, with a sales revenue of approximately $290 billion in 2020. Eastman, another key player, reported a sales revenue of $8.2 billion in the same year. Rain Carbon, a global leader in the production of carbon-based products and chemicals, has a strong presence in the C Resin Market as well, with a revenue of over $200 million in 2020.

C Resin refers to a type of petroleum-based resin that is predominantly used in the manufacturing of coatings, adhesives, and printing inks. The different types of C Resin include C9 Hydrocarbon Resin, C5 Hydrocarbon Resin, C5/C9 Copolymer Resin, Hydrogenated Hydrocarbon Resin, and others. C9 Hydrocarbon Resin is mainly derived from the thermal cracking of aromatic hydrocarbons, while C5 Hydrocarbon Resin is obtained from the distillation of the naphtha

fraction. C5/C9 Copolymer Resin is a blend of both C5 and C9 resins and is highly versatile. Hydrogenated Hydrocarbon Resin is mainly produced by hydrogenation of C9 Hydrocarbon Resin with the aim of enhancing its thermal and oxidative stability. These different types of C Resin offer a wide variety of mechanical and processing properties, which makes them highly demanded in the industrial sector.

The C Resin market finds applications in several end-use industries. In the automotive industry, C Resin is used for manufacturing automotive coatings, adhesives, and sealants, providing protection against environmental factors and enhancing the appearance of vehicles. In the construction industry, C Resin is utilized in the production of protective coatings, flooring systems, adhesives, and sealants for durable and long-lasting infrastructure. In the electronics industry, C Resin is employed for encapsulating electronic components, circuit boards, and semiconductors, offering protection from moisture, temperature, and mechanical stress. The packaging industry also utilizes C Resin for various applications, including food and beverage packaging, pharmaceutical packaging, and industrial packaging, due to its excellent barrier properties and stability.

Geographically, Asia Pacific is expected to dominate the C Resin market, accounting for approximately 45% of the market share by 2023. The region's dominance can be attributed to the rapid industrialization, growth in end-use industries, and increasing investments in infrastructure development. North America and Europe are also significant contributors to the market, with market shares of around 25% and 20% respectively by 2023. The Middle East and Africa, along with Latin America, are expected to exhibit steady growth in the C Resin market, driven by infrastructure projects and the expanding industrial base in these regions.

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Executive Summary:

The BOPP (Biaxially Oriented Polypropylene) Films market research report provides a comprehensive analysis of the current market conditions for BOPP Films and offers insights into its size and growth potential within the industry. The report highlights key factors driving market growth, including the increasing demand for flexible packaging solutions, growing consumer preference for convenience foods, and expanding applications in various industries such as food and beverages, personal care, and pharmaceuticals. The report also identifies challenges and opportunities in the market, including fluctuating raw material prices and the need for sustainable packaging solutions. The global BOPP Films market size was valued at USD 16.5 billion in 2022 and is projected to reach USD 24.9 billion by 2030, growing at a CAGR of 5.2% during the forecast period.

BOPP Films Market is highly competitive due to the presence of several key players. Some of the leading companies operating in the market include Taghleef, Gettel Group, Innovia (CCL Industries), Oben Group, Forop, Polibak, Inteplast Group, Jindal Poly Films, Vibac, Treofan,

Vitopel, SIBUR, Cosmo Films, Kinlead Packaging, Zhongshan Wing Ning, Toray Plastics, Guofeng Plastic, Profol, FSPG, Uflex, Mitsui Chemicals Tohcello, Tatrafan, Wolff LDP, Hongqing Packing Material, Zhejiang Jinrui Film, Irplast, Scientex, and Jiangyin Zhongda Flexible New Material.

In terms of sales revenue, some of the leading companies operating in the BOPP Films Market include Taghleef, Uflex, Jindal Poly Films, and Cosmo Films, among others.

- Taghleef Industries: USD 1.5 billion (2019)

- Uflex: USD 1.5 billion (2019-20)

- Jindal Poly Films: USD 1.1 billion (2019-20)

- Cosmo Films: USD 331 million (2019-20)

Biaxially-oriented polypropylene (BOPP) films are produced by stretching the oriented polypropylene (OPP) film in both the machine and transverse directions, making them a popular choice for flexible packaging and labeling due to their high tensile strength, clarity, and durability. BOPP films are available in different thicknesses ranging from less than 15 microns to above 45 microns, and each type has its unique properties.

Below 15-micron BOPP films are incredibly lightweight and have excellent mechanical strength, making them ideal for wrapping small products like candies, cigarettes, and snacks. 15-30-micron BOPP films are used for printing, packaging, and lamination and are popular in the food and FMCG industries. 30-45-micron BOPP films are known for their superior strength, tear resistance, and ability to seal and tamper-proof products. Above 45-micron BOPP films are used for heavy-duty packaging applications such as bulk bags, tarpaulins, and construction materials.

The BOPP Films market finds applications in several end-use industries. In the food and beverages industry, BOPP Films are extensively used for packaging snacks, confectionery, bakery products, and beverages due to their barrier properties, clarity, and printability, which enhance product visibility and shelf appeal. In the personal care industry, BOPP Films are utilized for packaging cosmetics, toiletries, and personal care products, providing protection against moisture, UV light, and other external factors. The pharmaceutical industry also relies on BOPP Films for packaging medicines, tablets, capsules, and medical devices, ensuring product integrity and extending shelf life. Additionally, BOPP Films are used in the industrial and consumer goods sectors for various applications, including adhesive tapes, labels, and stationery products.

Geographically, Asia Pacific is expected to dominate the BOPP Films market, accounting for approximately 40% of the market share by 2023. The region's dominance can be attributed to the rapid growth of the food and beverages industry, increasing consumer disposable income, and the rising demand for packaged goods. North America and Europe are also significant

contributors to the market, with market shares of around 30% and 25%, respectively, by 2023. The Middle East and Africa, along with Latin America, are expected to exhibit steady growth in the BOPP Films market, driven by the expanding retail and e-commerce sectors.

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Executive Summary:

The Stainless Steel Powder market research report provides a comprehensive analysis of the current market conditions for stainless steel powder and offers insights into its size and growth potential within the industry. The report highlights key factors driving market growth, including the increasing demand for stainless steel powder in various end-use industries, such as automotive, aerospace, and healthcare, owing to its excellent mechanical properties and corrosion resistance. The report also identifies challenges and opportunities in the market, including the volatility of raw material prices and the need for advanced manufacturing technologies. The global stainless steel powder market size was valued at USD 1.2 billion in 2022 and is projected to reach USD 1.9 billion by 2030, growing at a CAGR of 5.8% during the forecast period.
Stainless Steel Powder Market is a highly competitive market with several key players operating globally. Some of the prominent players in the market are Höganäs, Sandvik, Daido Steel, AMETEK, Yitong New Material, GKN Powder Metallurgy, CNPC Powder Material, VDM Metals, TIZ-Advanced Alloy, and Haining Feida. These companies offer a wide range of stainless steel powders for various applications, such as automotive, aerospace, chemical, and food processing industries.

Sandvik's sales revenue was approximately $10 billion in 2019, while Daido Steel's revenue was around $2 billion in the same year. The sales revenue figures for other companies operating in the market are not available publicly. Overall, these companies are helping to grow the Stainless Steel Powder Market by offering high-quality products and by investing in research and development to innovate new products for various applications.

Stainless steel powder is an extremely versatile material, which is why its demand is growing rapidly in various industries. There are three main types of stainless steel powder available in the market. The first type is Martensitic Grade, which is known for its high strength, hardness and wear resistance. This type of stainless steel powder is used in the production of cutting tools, conveyor belts, and other manufacturing equipment. The second type is Ferritic Grade, which is used in the production of automotive parts, kitchen equipment, and exhaust systems because of its excellent resistance to corrosion. The third type is Austenitic Grade which is well-known for its high ductility, corrosion resistance, and weldability. This type of stainless steel powder is used in the production of medical equipment, aerospace components, and food processing machinery.

Stainless steel powder is widely used in various industries due to its unique properties, including high strength, durability, and resistance to corrosion and heat. It finds extensive applications in

the automotive industry for manufacturing engine components, exhaust systems, and transmission parts. In the aerospace industry, stainless steel powder is utilized for producing turbine blades, aircraft structural components, and fuel system parts. The healthcare sector also relies on stainless steel powder for manufacturing surgical instruments, orthopedic implants, and dental tools due to its biocompatibility and resistance to sterilization processes. Additionally, stainless steel powder is used in the production of consumer goods, chemical processing equipment, and construction materials.

Geographically, Asia Pacific is expected to dominate the stainless steel powder market, accounting for approximately 45% of the market share by 2023. The region's dominance can be attributed to the rapid industrialization, growing automotive and aerospace sectors, and increasing infrastructure development. North America and Europe are also significant contributors to the market, with market shares of around 25% and 20%, respectively, by 2023. The Middle East and Africa, along with Latin America, are expected to exhibit steady growth in the stainless steel powder market, driven by the expanding manufacturing and construction industries.

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