

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Phenolic Resin for Friction Materials Market 2018, Forecast to 2023

<https://marketpublishers.com/r/GB4A755A4D2EN.html>

Date: August 2018

Pages: 137

Price: US\$ 4,880.00 (Single User License)

ID: GB4A755A4D2EN

Abstracts

Phenolic resin is the principal binder used in the manufacture of modern friction materials.

Phenolic resins for the friction industry are available as liquids or as powders blended with a cross linking agent (usually hexamine). The properties of these resins may be enhanced by incorporating other polymeric or chemical modifications.

Scope of the Report:

This report focuses on the Phenolic Resin for Friction Materials in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

The market is driven by various end-users, such as automotive, railway, aeronautics and industrial. As the downstream consumption usually follows with developed and rapid economic growth areas, such as BRICS, the developed areas' company prefers investing to underdevelopment regions these years.

The leading companies own the advantages on better performance, more abundant product's types, better technical and impeccable after-sales service. Looking to the future years, the slow downward price trend in recent years will maintain. As competition intensifies, prices gap between different brands will go narrowing. Similarly, there will be fluctuation in gross margin.

The industry is expected to remain innovation-led, with frequent acquisitions and strategic alliances adopted as the key strategies by the players to increase their industry presence. Meanwhile, optimize product mix and further develop value-added capabilities to maximize margins. Manufacturers can take advantage of this situation by

reinforcing their production units and supply-chains to avoid any delay in production turn-around-times (TAT) and supply-lead-times.

Significant and lasting barriers make entry into this market difficult. These barriers include, but are not limited to: (i) product development costs; (ii) capital requirements; (iii) intellectual property rights; (iv) regulatory requirement; and (v) Transitions' unfair methods of competition.

Despite the presence of competition problems, due to the global recovery trend is clear, investors are still optimistic about this area, the future will still have more new investment enter the field. Even so, the market is intensely competitive. The study group recommends the new entrants just having money but without technical advantage and upstream and downstream support do not to enter into this field.

The worldwide market for Phenolic Resin for Friction Materials is expected to grow at a CAGR of roughly 5.0% over the next five years, will reach 1120 million US\$ in 2023, from 840 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Sumitomo Bakelite

Hexion

Mitsui Chemicals

DIC Corporation

Shengquan Group

KANGNAM CHEMICAL

Shandong Laiwu Runda New Material

Kuentek Cashew

Sprea Misr

Zhejiang Hangzhou Friction Composites

Market Segment by Regions, regional analysis covers

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Phenolic Resin for Frictio...

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Liquid Type (Phenolic Resol Resins)

Powder Type (Phenolic Novolac Resins)

Market Segment by Applications, can be divided into

Automotive

Railway

Aeronautics

Industrial

There are 15 Chapters to deeply display the global Phenolic Resin for Friction Materials market.

Chapter 1, to describe Phenolic Resin for Friction Materials Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Phenolic Resin for Friction Materials, with sales, revenue, and price of Phenolic Resin for Friction Materials, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Phenolic Resin for Friction Materials, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Phenolic Resin for Friction Materials market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Phenolic Resin for Friction Materials sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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