

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa)

3-aminopropyltriethoxysilane Market 2018, Forecast to 2023

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Abstracts

3-aminopropyltriethoxysilane is produced by triethoxysilane and NH₃ in autoclave reaction.

In the acrylonitrile process, cyanoethylsilane is thoxylated and then hydrogenated over Raney nickel at high hydrogen pressure.

The ammonia substitution process starts from chloropropyltriethoxysilane, and requires a large excess and high pressure of NH₃. With a 75-fold molar quantity of NH₃ with respect to the chloro component, selectivities for the primary amine of up to 8% have been reported. The correspondingly low space-time yields can only be improved if increased proportions of di- and even trisubstituted downstream products of the initially formed aminopropylsilane are acceptable.

3-Aminopropyltriethoxysilane is the aminosilane used as adhesion promoter for both adhesive and sealant formulations to improve substrate adhesion.

SCOPE OF THE REPORT:

This report focuses on the 3-aminopropyltriethoxysilane 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. 3-aminopropyltriethoxysilane is mainly used in glass fiber application at 61.22% in 2015. The second large demand is rubber with 25.51% while only about 10% of 3-aminopropyltriethoxysilane is used in coating.

3-aminopropyltriethoxysilane industry is a relatively concentrated market, the first company accounts for about 20% of production volume. Jingzhou Jiangnan and Hubei

Bluesky are also large companies accounting for about 13% of the market. As Chinese overall economic downward trend in the past few years, and international economic situation is complicated, in the next few years there will be many uncertainties, and coupled with 3-aminopropyltriethoxysilane industry in short supply on the market in the past few years, more and more companies enter into 3-aminopropyltriethoxysilane industry. So it would be more competitive.

The worldwide market for 3-aminopropyltriethoxysilane is expected to grow at a CAGR of roughly -1.3% over the next five years, will reach 110 million US\$ in 2023, from 110 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Dow Corning

Momentive

Evonik

Shin-Etsu

JNC(Chisso)

Gelest

API

Wacker

Jingzhou Jianghan

WD Silicone

Hubei Bluesky

Nanjing Shuguang

Zhangjiagang Guotai-Huarong

Qufu Wanda

Zibo Linzi Qiquan

Nanjing Xiangfei

Gaizhou Hengda

Wuhan Huachang

Onichem Specialities

NanJing Capatue Chemical

HangZhou Dadi Chemical

Market Segment by Regions, regional analysis covers

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

Type I

Type II

Market Segment by Applications, can be divided into

Glass Fiber

Rubber

Coating

There are 15 Chapters to deeply display the global 3-aminopropyltriethoxysilane market.

Chapter 1, to describe 3-aminopropyltriethoxysilane Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of 3-aminopropyltriethoxysilane, with sales, revenue, and price of 3-aminopropyltriethoxysilane, 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 3-aminopropyltriethoxysilane, 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, 3-aminopropyltriethoxysilane market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe 3-aminopropyltriethoxysilane sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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