

United States Synthetic Spider Silk Market by Manufacturers, States, Type and Application, Forecast to 2022

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Abstracts

Spider silk is among the strongest known biomaterials. It is the silk used for the framework of the web and it is used to catch the spider if it falls. As such, it is stronger and much more flexible than KEVLAR?. Due to its incredible mechanical properties, spider silk is being considered for use as a new biomaterial for drug delivery and tendon and ligament replacement/repair, as well as athletic gear, military applications, airbags, and tire cords. However, spiders cannot be farmed for their silk as they are cannibalistic and territorial. The most reasonable alternative for producing spider silk fibers is to utilize genetic engineering to produce the proteins in a foreign host and then spin fibers from the synthetic protein.

Scope of the Report:

This report focuses on the Synthetic Spider Silk in United States market, to split the market based on manufacturers, states, type and application.

Market Segment by Manufacturers, this report covers

Bolt Threads

Kraig Biocraft Laboratories

Spiber

AMSilk

Market Segment by States, covering

California

Texas

New York

Florida

Illinois

Market Segment by Type, covers

Genetically Modified Yeast Fermentation

Genetically Modified Silkworm

Genetically Modified E. Coli Fermentation

Others

Market Segment by Applications, can be divided into

Automobile

Textile

Health Care

Military

Other

There are 17 Chapters to deeply display the United States Synthetic Spider Silk market.

Chapter 1, to describe Synthetic Spider Silk Introduction, product type and application, market overview, market analysis by States, market opportunities, market risk, market driving force;

Chapter 2, to analyze the manufacturers of Synthetic Spider Silk, with profile, main business, news, sales, price, revenue and market share 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 United States market by States, covering California, New York, Texas, Illinois and Florida, with sales, price, revenue and market share of Synthetic Spider Silk, for each state, from 2012 to 2017;

Chapter 5 and 6, to show the market by type and application, with sales, price, revenue, market share and growth rate by type, application, from 2012 to 2017;

Chapter 7, 8, 9, 10 and 11, to analyze the key States by Type and Application, covering California, New York, Texas, Illinois and Florida, with sales, revenue and market share by types and applications;

Chapter 12, Synthetic Spider Silk market forecast, by States, type and application, with sales, price, revenue and growth rate forecast, from 2017 to 2022;

Chapter 13, to analyze the manufacturing cost, key raw materials and manufacturing process etc.

Chapter 14, to analyze the industrial chain, sourcing strategy and downstream end users (buyers);

Chapter 15, to describe sales channel, distributors, traders, dealers etc.

Chapter 16 and 17, to describe Synthetic Spider Silk Research Findings and Conclusion, Appendix, methodology and data source.

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