

# Thin Film Precursors Market, Global Outlook and Forecast 2022-2028

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## Abstracts

A thin film is a layer of material ranging from fractions of a nanometer (monolayer) to several micrometers in thickness. The controlled synthesis of materials as thin films (a process referred to as deposition) is a fundamental step in many applications.

Atomic layer deposition (ALD) is a thin-film deposition technique based on the sequential use of a gas phase chemical process; it is a subclass of chemical vapour deposition. The majority of ALD reactions use two chemicals called precursors.

The thin film precursors refer to precursors used in different kinds of deposition process, like atomic layer deposition (ALD), chemical vapor deposition (CVD), etc.

This report contains market size and forecasts of Thin Film Precursors in global, including the following market information:

Global Thin Film Precursors Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Thin Film Precursors Market Sales, 2017-2022, 2023-2028, (Kg)

Global top five Thin Film Precursors companies in 2021 (%)

The global Thin Film Precursors market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Silicon Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Thin Film Precursors include DuPont, Evonik, Toagosei, Hansol Chemical, DNF, Wonik Materials, Air Liquide, DS Techopia and Altogen Chemicals, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Thin Film Precursors manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Thin Film Precursors Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Kg)

Global Thin Film Precursors Market Segment Percentages, by Type, 2021 (%)

Silicon

Tetramethylsilane (4MS)

Trimethylsilane (3MS)

Bis(diethylamino)silane (BDEAS)

Trisilylamine (TSA)

Hexachlorodisilane (HCDS)

Others

Global Thin Film Precursors Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Kg)

Global Thin Film Precursors Market Segment Percentages, by Application, 2021 (%)

Semiconductors

Fiber Optics

Aerospace Industry

Solar Energy

Others

Global Thin Film Precursors Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (Kg)

Global Thin Film Precursors Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Thin Film Precursors revenues in global market, 2017-2022  
(Estimated), (\$ millions)

Key companies Thin Film Precursors revenues share in global market, 2021 (%)

Key companies Thin Film Precursors sales in global market, 2017-2022 (Estimated),  
(Kg)

Key companies Thin Film Precursors sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

DuPont

Evonik

Toagosei

Hansol Chemical

DNF

Wonik Materials

Air Liquide

DS Techopia

Altogen Chemicals

UP Chemical (Yoke Chem)

Engtegris

Nata

Asteran

Versum Materials

Zhejiang Britech (Juhua Group)

JITECH

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