

Global Spin-on Materials Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G1F8C779D290EN.html>

Date: July 2023

Pages: 104

Price: US\$ 4,480.00 (Single User License)

ID: G1F8C779D290EN

Abstracts

The global Spin-on Materials market size is expected to reach \$ 2813.4 million by 2029, rising at a market growth of 8.7% CAGR during the forecast period (2023-2029).

Global key players of Spin-on Materials include Samsung SDI, JSR, Merck, etc. The top three players hold a share over 81%.

Asia is the largest market, has a share about 70%, followed by North America and Europe, with share 21% and 6%, separately.

In terms of product type, Spin on Hardmask (SOH) is the largest segment, occupied for a share of 58%, and in terms of application, Semiconductors (excl. Memory) has a share about 61%.

Spin-on Materials mainly include Spin on Hardmask (SOH) and Spin on Dielectrics (SOD).

SOH (Spin on Hardmasks) is a hardmask material that prevents refined semiconductor circuit patterns from collapsing. Spin-on hardmask materials are widely adopted as sacrificial layers to enable pattern transfer at high resolution and act as etch stopping layer or memory layer in multiple patterning technologies. Compared with typical CVD processes for thin film formation, spin-on materials offer superior gap-fill and planarization performance. Although it was not used when gaps between patterns were wide in the past, it has recently become a must material and a must process.

Spin-on dielectric materials are used to optimize planarization of inter-level dielectrics in multilevel metal integrated circuit (IC) designs. They can be used to significantly

improve topside planarity when applied prior to the final passivation step.

This report studies the global Spin-on Materials production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Spin-on Materials, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Spin-on Materials that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Spin-on Materials total production and demand, 2018-2029, (K L)

Global Spin-on Materials total production value, 2018-2029, (USD Million)

Global Spin-on Materials production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K L)

Global Spin-on Materials consumption by region & country, CAGR, 2018-2029 & (K L)

U.S. VS China: Spin-on Materials domestic production, consumption, key domestic manufacturers and share

Global Spin-on Materials production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K L)

Global Spin-on Materials production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K L)

Global Spin-on Materials production by Application production, value, CAGR, 2018-2029, (USD Million) & (K L)

This reports profiles key players in the global Spin-on Materials market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Samsung SDI, JSR, Merck, DuPont, Ycchem and Shin-Etsu MicroSi, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Spin-on Materials market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K L) and average price (US\$/L) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Spin-on Materials Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Spin-on Materials Market, Segmentation by Type

Spin on Hardmask (SOH)

Spin on Dielectrics (SOD)

Global Spin-on Materials Market, Segmentation by Application

Semiconductors (excl. Memory)

DRAM

NAND

Companies Profiled:

Samsung SDI

JSR

Merck

DuPont

Ycchem

Shin-Etsu MicroSi

Key Questions Answered

1. How big is the global Spin-on Materials market?
2. What is the demand of the global Spin-on Materials market?
3. What is the year over year growth of the global Spin-on Materials market?
4. What is the production and production value of the global Spin-on Materials market?
5. Who are the key producers in the global Spin-on Materials market?
6. What are the growth factors driving the market demand?

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