

4D Printing Materials Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/402AB576E0F7EN.html>

Date: February 2022

Pages: 74

Price: US\$ 3,250.00 (Single User License)

ID: 402AB576E0F7EN

Abstracts

4D Printing Is To Change The Shape Or Structure Of The Structure Printed By 3D Technology Under External Excitation, And Directly Embed The Deformation Design Of Materials And Structures Into The Materials. The Materials Used For 4D Printing Mainly Include Shape Memory Polymer, Shape Memory Alloy And Other Materials That Are Easy To Change.

This report contains market size and forecasts of 4D Printing Materials in global, including the following market information:

Global 4D Printing Materials Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global 4D Printing Materials Market Sales, 2017-2022, 2023-2028, (MT)

Global top five 4D Printing Materials companies in 2021 (%)

The global 4D Printing Materials 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.

Shape Memory Polymer (SMP) Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of 4D Printing Materials include BASF SE, Cornerstone Research Group, SINOPEC, Covestro, EndoShape, Evonik, MedShape, Mitsubishi and

Spintech and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the 4D Printing Materials 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 4D Printing Materials Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (MT)

Global 4D Printing Materials Market Segment Percentages, by Type, 2021 (%)

Shape Memory Polymer (SMP)

Liquid Crystal Elastomer (LCE)

Shape Memory Alloy (SMA)

Hydrogel

Global 4D Printing Materials Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (MT)

Global 4D Printing Materials Market Segment Percentages, by Application, 2021 (%)

Working

Aerospace

Chemical Industrial

Architecture

Education

Medical Care

Global 4D Printing Materials Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (MT)

Global 4D Printing Materials 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 4D Printing Materials revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies 4D Printing Materials revenues share in global market, 2021 (%)

Key companies 4D Printing Materials sales in global market, 2017-2022 (Estimated), (MT)

Key companies 4D Printing Materials sales share in global market, 2021 (%)

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

BASF SE

Cornerstone Research Group

SINOPEC

Covestro

EndoShape

Evonik

MedShape

Mitsubishi

Spintech

Syzygy Memory Plastics

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