

Photonic Band-gap Material Market, Global Outlook and Forecast 2022-2028

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Abstracts

Photonic band-gap (PBGs) materials or photonic crystals (PhCs) are materials with a periodic dielectric profile, which can prevent light of certain frequencies or wavelengths from propagating in one, two or any number of polarisation directions within the materials.

This report contains market size and forecasts of Photonic Band-gap Material in global, including the following market information:

Global Photonic Band-gap Material Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Photonic Band-gap Material Market Sales, 2017-2022, 2023-2028, (Tons)

Global top five Photonic Band-gap Material companies in 2021 (%)

The global Photonic Band-gap Material market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

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

1-D Photonic Crystals Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Photonic Band-gap Material include NKT Photonics,

IPG Photonics, Opalux, Corning Incorporated, Furukawa Electric, DK Photonics, GLOphotonics SAS, Photonic Lattice and Photeon Technologies GmbH, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Photonic Band-gap Material 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 Photonic Band-gap Material Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Photonic Band-gap Material Market Segment Percentages, by Type, 2021 (%)

1-D Photonic Crystals

2-D Photonic Crystals

3-D Photonic Crystals

Global Photonic Band-gap Material Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Photonic Band-gap Material Market Segment Percentages, by Application, 2021 (%)

Optical Fiber

LED

Image Sensor

Solar and PV Cell

Laser

Discrete and Integrated Optical Component

Others

Global Photonic Band-gap Material Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (Tons)

Global Photonic Band-gap Material 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 Photonic Band-gap Material revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies Photonic Band-gap Material revenues share in global market, 2021 (%)

Key companies Photonic Band-gap Material sales in global market, 2017-2022
(Estimated), (Tons)

Key companies Photonic Band-gap Material sales share in global market, 2021 (%)

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

NKT Photonics

IPG Photonics

Opalux

Corning Incorporated

Furukawa Electric

DK Photonics

GLOphotonics SAS

Photonic Lattice

Photeon Technologies GmbH

NeoPhotonics

Agilent Technologies

Ion Optics

Luminus Devices

NEC Corporation

Epistar

MicroContinuum

Omniguide

Lightwave Power

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