

Global Chalcogenide Infrared Glass Market Growth 2023-2029

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Abstracts

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Chalcogenide glasses are composed of sulfur (S), selenium (Se) and tellurium (Te). And through the addition of other elements, such as arsenic, germanium and antimony, the cross-linking between sulfur chains is established to promote the formation of stable glass. Compared with silicon glass, it has many promising characteristics, such as mid far infrared transmission, low phonon energy, high refractive index and very large nonlinearity. In this paper, infrared chalcogenide glasses which can penetrate infrared light are mainly studied.

LPI (LP Information)' newest research report, the "Chalcogenide Infrared Glass Industry Forecast" looks at past sales and reviews total world Chalcogenide Infrared Glass sales in 2022, providing a comprehensive analysis by region and market sector of projected Chalcogenide Infrared Glass sales for 2023 through 2029. With Chalcogenide Infrared Glass sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Chalcogenide Infrared Glass industry.

This Insight Report provides a comprehensive analysis of the global Chalcogenide Infrared Glass landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Chalcogenide Infrared Glass portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Chalcogenide Infrared Glass market.

This Insight Report evaluates the key market trends, drivers, and affecting factors

shaping the global outlook for Chalcogenide Infrared Glass and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Chalcogenide Infrared Glass.

The global Chalcogenide Infrared Glass market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Chalcogenide Infrared Glass is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Chalcogenide Infrared Glass is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Chalcogenide Infrared Glass is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Chalcogenide Infrared Glass players cover Umicore, LightPath Technologies, Schott, CDGM Glass Company, AGC, Amorphous Materials, Vital Optics Technology (VOT), Vitron Spezialwerkstoffe and Rochester Precision Optics, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Chalcogenide Infrared Glass market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Chalcogenide Glass

Germanium Glass

ZnSe Glass

Others

Segmentation by application

Military & Defense

Security System

Automotive

Medical

Industrial

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Umicore

LightPath Technologies

Schott

CDGM Glass Company

AGC

Amorphous Materials

Vital Optics Technology (VOT)

Vitron Spezialwerkstoffe

Rochester Precision Optics

Sumita Optical Glass

CHINA BUILDING MATERIALS ACADEMY

Key Questions Addressed in this Report

What is the 10-year outlook for the global Chalcogenide Infrared Glass market?

What factors are driving Chalcogenide Infrared Glass market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Chalcogenide Infrared Glass market opportunities vary by end market size?

How does Chalcogenide Infrared Glass break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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