

# Global Potassium Dideuterium Phosphate(DKDP) Crystal Market Growth 2026-2032

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## Abstracts

The global Potassium Dideuterium Phosphate(DKDP) Crystal market size is predicted to grow from US\$ 98 million in 2025 to US\$ 145 million in 2032; it is expected to grow at a CAGR of 5.9% from 2026 to 2032.

?Dideuterium potassium phosphate crystal (DKDP crystal)? is an electro-optical crystal material with excellent performance. It exists in two forms: tetragonal phase DKDP and monoclinic phase DKDP at room temperature, and has wide application value. It is an isotope compound that is the deuterated form of potassium dihydrogen phosphate (KDP) crystal. It has the advantages of high optical damage threshold, high birefringence, high nonlinear coefficient, high photoelectric coefficient, and excellent optical uniformity.

United States market for Potassium Dideuterium Phosphate(DKDP) Crystal is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Potassium Dideuterium Phosphate(DKDP) Crystal is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Potassium Dideuterium Phosphate(DKDP) Crystal is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Potassium Dideuterium Phosphate(DKDP) Crystal players cover Altechna, EK SMA Optics, Gamdan Optics, Inrad Optics, CASTECH, etc. In terms of revenue, the

global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the “Potassium Dideuterium Phosphate(DKDP) Crystal Industry Forecast” looks at past sales and reviews total world Potassium Dideuterium Phosphate(DKDP) Crystal sales in 2025, providing a comprehensive analysis by region and market sector of projected Potassium Dideuterium Phosphate(DKDP) Crystal sales for 2026 through 2032. With Potassium Dideuterium Phosphate(DKDP) Crystal sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Potassium Dideuterium Phosphate(DKDP) Crystal industry.

This Insight Report provides a comprehensive analysis of the global Potassium Dideuterium Phosphate(DKDP) Crystal 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 Potassium Dideuterium Phosphate(DKDP) Crystal portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Potassium Dideuterium Phosphate(DKDP) Crystal market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Potassium Dideuterium Phosphate(DKDP) Crystal 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 Potassium Dideuterium Phosphate(DKDP) Crystal.

This report presents a comprehensive overview, market shares, and growth opportunities of Potassium Dideuterium Phosphate(DKDP) Crystal market by product type, application, key manufacturers and key regions and countries.

### **Segmentation by Type:**

Tetragonal Phase DKDP

Monoclinic Phase DKDP

**Segmentation by Application:**

Laser

Electro-Optical Modulator

Spatial Light Modulator

Other

**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 analysing the company's coverage, product portfolio, its market penetration.

Altechna

EKSMA Optics

Gamdan Optics

Inrad Optics

CASTECH

CryLink

HG Optronics

CTL Photonics

CRYSTRONG

### **Key Questions Addressed in this Report**

What is the 10-year outlook for the global Potassium Dideuterium Phosphate(DKDP) Crystal market?

What factors are driving Potassium Dideuterium Phosphate(DKDP) Crystal market growth, globally and by region?

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

How do Potassium Dideuterium Phosphate(DKDP) Crystal market opportunities vary by end market size?

How does Potassium Dideuterium Phosphate(DKDP) Crystal break out by Type, by Application?

**The report requires updating with new data and is sent in 48 hours after order is placed.**

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