

Global Near Infrared Absorbing Dye Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Near Infrared Absorbing Dye market size was valued at USD 24 million in 2023 and is forecast to a readjusted size of USD 57 million by 2030 with a CAGR of 13.3% during review period.

Near infrared dyes show light absorption in the near infrared area of 700-2500 nm. Their intense absorption normally originates from a charge transfer of an organic dye or metal complex.

Global key near infrared absorbing dye players include Epolin, LuminoChem and Moleculum etc. The top 3 companies hold a share about 50%. North America is the largest market with a share about 58%, followed by Asia-Pacific and Europe.

In terms of product, 700-1000nm product is the largest segment with a share about 78%. And in terms of applications, the largest application is laser protective with a share about 47%.

The Global Info Research report includes an overview of the development of the Near Infrared Absorbing Dye industry chain, the market status of Laser Protective (700-1000nm, Above 1000nm), Filter Material (700-1000nm, Above 1000nm), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Near Infrared Absorbing Dye.

Regionally, the report analyzes the Near Infrared Absorbing Dye markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads

the global Near Infrared Absorbing Dye market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Near Infrared Absorbing Dye market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Near Infrared Absorbing Dye industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Kg), revenue generated, and market share of different by Type (e.g., 700-1000nm, Above 1000nm).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Near Infrared Absorbing Dye market.

Regional Analysis: The report involves examining the Near Infrared Absorbing Dye market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Near Infrared Absorbing Dye market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Near Infrared Absorbing Dye:

Company Analysis: Report covers individual Near Infrared Absorbing Dye manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and

attitudes towards Near Infrared Absorbing Dye This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Laser Protective, Filter Material).

Technology Analysis: Report covers specific technologies relevant to Near Infrared Absorbing Dye. It assesses the current state, advancements, and potential future developments in Near Infrared Absorbing Dye areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Near Infrared Absorbing Dye market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Near Infrared Absorbing Dye market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

700-1000nm

Above 1000nm

Market segment by Application

Laser Protective

Filter Material

Infrared Photography

Ink and Coating

Others

Major players covered

Epolin

LuminoChem

Moleculum

H.W. Sands Corp.

QCR Solutions

Yamamoto Chemicals

Adam Gates & Company

American Dye Source

Crysta-Lyn

Fabricolor

Exciton (Luxottica)

Yamada Chemical

Qingdao Topwell

FEW Chemicals

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Near Infrared Absorbing Dye product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Near Infrared Absorbing Dye, with price, sales, revenue and global market share of Near Infrared Absorbing Dye from 2019 to 2024.

Chapter 3, the Near Infrared Absorbing Dye competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Near Infrared Absorbing Dye breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Near Infrared Absorbing Dye market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Near Infrared Absorbing Dye.

Chapter 14 and 15, to describe Near Infrared Absorbing Dye sales channel, distributors, customers, research findings and conclusion.

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