

Global UV-Curable Resins Market Size Study, by Composition (Oligomers, Monomers, Photoinitiators, Additives), by Chemistry (Non-Acrylated Oligoamines, Acrylate Oligomers), by Application, and Regional Forecasts 2022-2032"

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Abstracts

The global UV-Curable Resins market, valued at approximately USD 6.03 billion in 2023, is anticipated to exhibit robust growth, with a healthy CAGR of 7.5% from 2024 to 2032, reaching an impressive USD 11.56 billion by 2032. UV-curable resins are a pivotal component in modern coatings, inks, and adhesives, owing to their rapid curing times, superior durability, and environmentally friendly properties. The demand for these resins has surged across industries such as electronics, automotive, and packaging, driven by their unparalleled performance and sustainability advantages.

The market is propelled by advancements in UV-curable technology, with manufacturers increasingly adopting photoinitiated polymerization to achieve efficient curing. The growing preference for eco-friendly solutions in industrial applications, coupled with stringent environmental regulations, has amplified the adoption of low-VOC and solvent-free UV-curable resins. Additionally, the versatility of these resins in delivering superior adhesion, chemical resistance, and aesthetic appeal has bolstered their applications in high-demand sectors like consumer goods and printing.

However, challenges such as high initial costs and the need for specialized curing equipment pose hurdles to market expansion. To counteract these barriers, industry players are heavily investing in R&D to innovate cost-effective and high-performance formulations. The emergence of bio-based resins and ongoing collaborations between manufacturers and end-users highlight the market's trajectory toward sustainability and customization, addressing dynamic consumer needs.

Regionally, Asia-Pacific dominates the UV-curable resins market, underpinned by the thriving electronics and packaging industries in countries like China, Japan, and South Korea. North America and Europe remain significant contributors, driven by technological advancements and the widespread adoption of eco-conscious industrial practices. With the increasing focus on renewable energy and green building solutions, these regions are expected to maintain steady growth trajectories.

Major market players included in this report are:

BASF SE

DSM-AGI Corporation

Sartomer (Arkema Group)

Allnex Belgium S.A.

Covestro AG

Eternal Materials Co., Ltd.

Hitachi Chemical Co., Ltd.

Miwon Specialty Chemical Co., Ltd.

IGM Resins B.V.

Dymax Corporation

Toagosei Co., Ltd.

Nippon Gohsei (Mitsubishi Chemical Holdings)

CBC Co., Ltd.

Alberdingk Boley GmbH

Jiangsu Sanmu Group Corporation

The detailed segments and sub-segments of the market are explained below:

By Composition:

Oligomers

Monomers

Photoinitiators

Additives

By Chemistry:

Non-Acrylated Oligoamines

Acrylate Oligomers

By Application:

Coatings

Inks

Adhesives

Others

By Region:

North America:

U.S.

Canada

Europe:

UK

Germany

France

Spain

Italy

Rest of Europe (ROE)

Asia Pacific:

China

India

Japan

South Korea

Australia

Rest of Asia Pacific (RoAPAC)

Latin America:

Brazil

Mexico

Rest of Latin America

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa (RoMEA)

Years considered for the study are as follows:

Historical year: 2022

Base year: 2023

Forecast period: 2024 to 2032

Key Takeaways:

Market estimates & forecasts for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Comprehensive geographical analysis with country-level market insights.

Detailed segmentation of the market with revenue projections for each category.

Competitive landscape featuring major players and their strategic initiatives.

Analysis of market dynamics, including growth drivers, challenges, and opportunities.

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