

# **Global Rotomolding Market Size Study, by Material (Polyethylene, Others), by Form (Compound, Resin), by End-use (Building & Construction, Automotive & Transportation, Packaging, Agriculture, Sports & Leisure), and Regional Forecasts 2022-2032**

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## **Abstracts**

Global Rotomolding Market is valued approximately at USD 5.30 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 5.9% over the forecast period 2024-2032. Rotomolding, or rotational molding, is an advanced manufacturing process for creating hollow plastic parts and products by using a rotating mold filled with powdered plastic material. This technique enables the production of complex shapes and designs, including large, seamless parts with varying wall thicknesses. The rising demand for lightweight automotive parts is a significant driver for the market, as rotomolded plastics are extensively used in manufacturing various automotive components such as ducts, visors, and dashboards.

However, regulatory constraints and complexities in mold design are substantially halting the growth of the market globally. The market is also witnessing robust growth due to the increasing production and adoption of electric vehicles (EVs). EVs, being more lightweight and energy-efficient, rely heavily on rotomolded plastic parts, propelling market growth. Government initiatives aimed at reducing carbon emissions, such as the Paris Agreement, and subsidies for EVs in countries like France and the Netherlands, further fuel market expansion. The growing need for water tanks in water-scarce regions like India, where rotomolding is predominantly used for manufacturing water tanks, is another factor driving the market. Investment in the construction sector by governments in countries like Bahrain, Saudi Arabia, and the UAE to meet the needs of a growing population is expected to boost the demand for water storage tanks. The polyethylene segment is expected to dominate the market due to its numerous

advantages, such as strength, lightweight properties, and cost-effectiveness. The rise in custom-made and industrial products in India and other developing countries also contributes to the market's growth.

The key regions considered for the global Rotomolding Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is a dominating region in the Rotomolding Market in terms of revenue. The market growth in the region is being attributed to factors including technological advancements and increasing investment in research and development. The region's focus on infrastructure development and increasing disposable income are also fueling market growth. Additionally, the versatility of rotomolding in creating complex shapes and its cost-effectiveness compared to other molding processes contribute to its popularity. Whereas, the market in Asia Pacific is anticipated to grow at the fastest rate over the forecast period fueled by rapid industrialization, urbanization, and increasing population. The region's burgeoning automotive, construction, and consumer goods sectors drive demand for rotomolded products. Additionally, lower labor costs and abundant raw material supply make it a manufacturing hub, propelling market growth.

Major market players included in this report are:

Charloma Inc.

Rotoplast SAS

PartnerPlast Group

Carris Pipes & Tubes Private Limited

Dutchland Plastics

Fixopan

Roto Dynamics Inc.

Sherman Roto Tank

Rototek Limited

Elkhart Plastics, Inc.

Northern Steel Plastics Ltd.

Plastics Unlimited, Inc.

Rotational Molding of Utah

Gemstone Plastics, Inc.

A.K. Industries, Inc.

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

By Material:

Polyethylene

Others

By Form:

Compound

Resin

By End-use:

Building & Construction

Automotive & Transportation

Packaging

Agriculture

Sports & Leisure

## By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

RoLA

Middle East & Africa

Saudi Arabia

South 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 & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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