

Global High Density Polyethylene Jerrycan Market Size Study & Forecast, by Product Type, End-Use Industry, and Regional Forecasts 2025-2035

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Abstracts

The Global High Density Polyethylene (HDPE) Jerrycan Market was valued at approximately USD 82.29 billion in 2024 and is expected to exhibit a compound annual growth rate (CAGR) of 4.45% throughout the forecast period 2025–2035. HDPE jerrycans have carved a robust niche in global packaging due to their high strength-to-density ratio, chemical resistance, and cost-efficiency. These containers are engineered to withstand rigorous handling across industrial, commercial, and residential settings—especially in sectors that require secure storage and transportation of liquids, chemicals, fuels, and food-grade products. Their recyclable nature also aligns with the escalating demand for sustainable packaging solutions, propelling their prominence in a market heavily influenced by environmental accountability.

The growing reliance on HDPE jerrycans across diverse end-use industries such as packaging, construction, and automotive has been largely fueled by their versatility and adaptability to customization. Whether blow molded for fuel containers or injection molded for industrial chemicals, HDPE jerrycans provide durability without compromising on cost-efficiency. The building & construction industry, in particular, is experiencing a surge in HDPE demand for the storage and delivery of adhesives, sealants, and other construction fluids. Meanwhile, the packaging industry continues to benefit from the expansion of e-commerce and consumer goods distribution, further amplifying the utility and reach of these containers. However, fluctuating raw material prices and increasing regulations on plastic usage present persistent barriers to growth.

Regionally, North America commands a substantial share of the HDPE jerrycan market owing to well-established industrial infrastructure and a strong presence of packaging manufacturers. The United States, in particular, is witnessing increased usage in

chemical handling and automotive coolant distribution. In Europe, stringent sustainability norms have encouraged innovations in recyclable HDPE grades, fueling market demand across Germany, France, and the UK. Meanwhile, Asia Pacific is poised to register the fastest growth, driven by expanding manufacturing sectors in China and India, population-driven consumerism, and rising infrastructure development. The combination of supportive government initiatives and increasing foreign direct investment (FDI) in the plastics sector is expected to unlock further market opportunities across the region.

Major market player included in this report are:

Greif, Inc.

Mauser Packaging Solutions

SCH?TZ GmbH & Co. KGaA

Time Technoplast Ltd.

AST Plastic Containers

Frapak Packaging

Elkhart Plastics

RPC Promens

TPL Plastech Ltd.

Weener Plastics Group

Kaufman Container

Parekhplast India Ltd.

Nilkamal Limited

Berry Global Inc.

BWAY Corporation

Global High Density Polyethylene Jerrycan Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025-2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Product Type:

Injection Molded

Blow Molded

HDPE Pipes

HDPE Films

By End-Use Industry:

Packaging

Building & Construction

Automotive

Consumer Goods

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

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

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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