

Global Dicyclopentadiene Market Size Study, by Type (Resin Grade, UPR Grade), by End Use (Aromatic Industries, Automotive), and Regional Forecasts 2022-2032

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Abstracts

The Global Dicyclopentadiene (DCPD) Market, valued at approximately USD 0.01 billion in 2023, is set to expand at a compound annual growth rate (CAGR) of 5.7% from 2024 to 2032. As industries increasingly prioritize high-performance resins, adhesives, and coatings, the demand for DCPD continues to rise, especially within the automotive and aromatic industries. Recognized for its high reactivity, superior impact resistance, and chemical stability, DCPD is a critical feedstock in unsaturated polyester resins (UPRs), hydrocarbon resins, and specialty polymers.

Manufacturers are optimizing polymerization techniques to enhance yield efficiency, lowering production costs while improving thermal and mechanical stability. The automotive sector is a key driver, as DCPD-based resins contribute to lightweight, high-strength components, aligning with stringent fuel efficiency and emissions regulations. Additionally, the demand for specialty chemicals in adhesives, inks, and coatings has reinforced the market's growth trajectory.

Despite its robust expansion, the volatility of crude oil prices poses a significant challenge, as DCPD is a byproduct of petroleum refining. Moreover, concerns regarding environmental sustainability and carbon footprint reduction initiatives have prompted industry players to explore bio-based alternatives and circular economy solutions. Market players are investing in sustainable production technologies and process innovations, ensuring long-term viability in a competitive landscape.

Regionally, North America and Europe hold substantial market shares, driven by

technological advancements and regulatory support for high-performance polymers. The Asia-Pacific region is poised for the fastest growth, propelled by expanding industrialization, infrastructure development, and increasing demand for automotive and construction materials in China and India. Additionally, Latin America and the Middle East & Africa are gradually emerging as growth centers, with rising industrial activities and foreign direct investments in the specialty chemical sector.

Major Market Players Included in This Report:

BASF SE

Chevron Phillips Chemical Company LLC

Dow Inc.

ExxonMobil Corporation

Kolon Industries Inc.

Ningbo Jinhai Chenguang Chemical Corporation

Shandong Yuhuang Chemical Group Co., Ltd.

Shell Chemicals LP

Sinopec Corporation

Texmark Chemicals Inc.

Trinseo S.A.

Zibo Luhua Hongjin New Material Group Co., Ltd.

Novomer Inc.

Braskem S.A.

TOTAL Energies SE

The Detailed Segments and Sub-Segments of the Market are Explained Below:

By Type:

Resin Grade

UPR Grade

By End Use:

Aromatic Industries

Automotive

By Region:

North America:

U.S.

Canada

Europe:

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America:

Brazil

Mexico

Rest of Latin America

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years Considered for the Study:

Historical Year – 2022

Base Year – 2023

Forecast Period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecasts for 10 years from 2022 to 2032.

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

Comprehensive assessment of the geographical landscape with country-level insights.

Competitive landscape with profiles of major industry players and key business strategies.

Strategic recommendations for future market approaches, demand-side trends, and supply-side analytics.

Contents

CHAPTER 1. GLOBAL DICYCLOPENTADIENE MARKET EXECUTIVE SUMMARY

- 1.1. Global Dicyclopentadiene Market Size & Forecast (2022- 2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. {By Type}
 - 1.3.2. {By End Use}
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL DICYCLOPENTADIENE MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL DICYCLOPENTADIENE MARKET DYNAMICS

- 3.1. Market Drivers

- 3.1.1. Rising demand for high-performance polymers
- 3.1.2. Advancements in polymerization techniques and process innovations
- 3.1.3. Investment in sustainable production technologies
- 3.2. Market Challenges
 - 3.2.1. Volatility in crude oil prices
 - 3.2.2. Environmental sustainability and regulatory constraints
- 3.3. Market Opportunities
 - 3.3.1. Expansion in automotive and aromatic industries
 - 3.3.2. Growth in emerging markets (Asia-Pacific, Latin America, MEA)
 - 3.3.3. Technological innovations driving process efficiency

CHAPTER 4. GLOBAL DICYCLOPENTADIENE MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model
 - 4.1.7. Porter's 5 Force Impact Analysis
- 4.2. PESTEL Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
 - 4.2.5. Environmental
 - 4.2.6. Legal
- 4.3. Top Investment Opportunity
- 4.4. Top Winning Strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL DICYCLOPENTADIENE MARKET SIZE & FORECASTS BY TYPE 2022-2032

- 5.1. Segment Dashboard
- 5.2. Global Dicyclopentadiene Market: {Type} Revenue Trend Analysis, 2022 & 2032

(USD Million/Billion)

5.2.1. Resin Grade

5.2.2. UPR Grade

CHAPTER 6. GLOBAL DICYCLOPENTADIENE MARKET SIZE & FORECASTS BY END USE 2022-2032

6.1. Segment Dashboard

6.2. Global Dicyclopentadiene Market: {End Use} Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

6.2.1. Aromatic Industries

6.2.2. Automotive

CHAPTER 7. GLOBAL DICYCLOPENTADIENE MARKET SIZE & FORECASTS BY REGION 2022-2032

7.1. North America Dicyclopentadiene Market

7.1.1. U.S. Dicyclopentadiene Market

7.1.1.1. {Type} breakdown size & forecasts, 2022-2032

7.1.1.2. {End Use} breakdown size & forecasts, 2022-2032

7.1.2. Canada Dicyclopentadiene Market

7.2. Europe Dicyclopentadiene Market

7.2.1. UK Dicyclopentadiene Market

7.2.2. Germany Dicyclopentadiene Market

7.2.3. France Dicyclopentadiene Market

7.2.4. Spain Dicyclopentadiene Market

7.2.5. Italy Dicyclopentadiene Market

7.2.6. Rest of Europe Dicyclopentadiene Market

7.3. Asia-Pacific Dicyclopentadiene Market

7.3.1. China Dicyclopentadiene Market

7.3.2. India Dicyclopentadiene Market

7.3.3. Japan Dicyclopentadiene Market

7.3.4. Australia Dicyclopentadiene Market

7.3.5. South Korea Dicyclopentadiene Market

7.3.6. Rest of Asia-Pacific Dicyclopentadiene Market

7.4. Latin America Dicyclopentadiene Market

7.4.1. Brazil Dicyclopentadiene Market

7.4.2. Mexico Dicyclopentadiene Market

7.4.3. Rest of Latin America Dicyclopentadiene Market

7.5. Middle East & Africa Dicyclopentadiene Market

7.5.1. Saudi Arabia Dicyclopentadiene Market

7.5.2. South Africa Dicyclopentadiene Market

7.5.3. Rest of Middle East & Africa Dicyclopentadiene Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

8.1. Key Company SWOT Analysis

8.1.1. BASF SE

8.1.2. Chevron Phillips Chemical Company LLC

8.1.3. Dow Inc.

8.2. Top Market Strategies

8.3. Company Profiles

8.3.1. BASF SE

8.3.1.1. Key Information

8.3.1.2. Overview

8.3.1.3. Financial (Subject to Data Availability)

8.3.1.4. Product Summary

8.3.1.5. Market Strategies

8.3.2. Chevron Phillips Chemical Company LLC

8.3.3. Dow Inc.

8.3.4. ExxonMobil Corporation

8.3.5. Kolon Industries Inc.

8.3.6. Ningbo Jinhai Chenguang Chemical Corporation

8.3.7. Shandong Yuhuang Chemical Group Co., Ltd.

8.3.8. Shell Chemicals LP

8.3.9. Sinopec Corporation

8.3.10. Texmark Chemicals Inc.

8.3.11. Trinseo S.A.

8.3.12. Zibo Luhua Hongjin New Material Group Co., Ltd.

8.3.13. Novomer Inc.

8.3.14. Braskem S.A.

8.3.15. TOTAL Energies SE

CHAPTER 9. RESEARCH PROCESS

9.1. Research Process

9.1.1. Data Mining

9.1.2. Analysis

- 9.1.3. Market Estimation
- 9.1.4. Validation
- 9.1.5. Publishing
- 9.2. Research Attributes

List Of Tables

LIST OF TABLES

- TABLE 1. Global Dicyclopentadiene Market, report scope
- TABLE 2. Global Dicyclopentadiene Market estimates & forecasts by Region 2022-2032 (USD Million/Billion)
- TABLE 3. Global Dicyclopentadiene Market estimates & forecasts by Type 2022-2032 (USD Million/Billion)
- TABLE 4. Global Dicyclopentadiene Market estimates & forecasts by End Use 2022-2032 (USD Million/Billion)
- TABLE 5. Global Dicyclopentadiene Market by segment, estimates & forecasts, 2022-2032 (USD Million/Billion)
- TABLE 6. Global Dicyclopentadiene Market by region, estimates & forecasts, 2022-2032 (USD Million/Billion)
- TABLE 7. Global Dicyclopentadiene Market by segment, estimates & forecasts, 2022-2032 (USD Million/Billion)
- TABLE 8. Global Dicyclopentadiene Market by region, estimates & forecasts, 2022-2032 (USD Million/Billion)
- TABLE 9. Global Dicyclopentadiene Market by segment, estimates & forecasts, 2022-2032 (USD Million/Billion)
- TABLE 10. Global Dicyclopentadiene Market by region, estimates & forecasts, 2022-2032 (USD Million/Billion)
- TABLE 11. Global Dicyclopentadiene Market by segment, estimates & forecasts, 2022-2032 (USD Million/Billion)
- TABLE 12. Global Dicyclopentadiene Market by region, estimates & forecasts, 2022-2032 (USD Million/Billion)
- TABLE 13. Global Dicyclopentadiene Market by segment, estimates & forecasts, 2022-2032 (USD Million/Billion)
- TABLE 14. Global Dicyclopentadiene Market by region, estimates & forecasts, 2022-2032 (USD Million/Billion)
- TABLE 15. U.S. Dicyclopentadiene Market estimates & forecasts, 2022-2032 (USD Million/Billion)
- TABLE 16. U.S. Dicyclopentadiene Market estimates & forecasts by segment 2022-2032 (USD Million/Billion)
- TABLE 17. U.S. Dicyclopentadiene Market estimates & forecasts by segment 2022-2032 (USD Million/Billion)
- TABLE 18. Canada Dicyclopentadiene Market estimates & forecasts, 2022-2032 (USD Million/Billion)

TABLE 19. Canada Dicyclopentadiene Market estimates & forecasts by segment
2022-2032 (USD Million/Billion)

TABLE 20. Canada Dicyclopentadiene Market estimates & forecasts by segment
2022-2032 (USD Million/Billion)

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This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

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