

Dicyclopentadiene Market Report by Type (DCPD UPR Grade, DCPD Resin Grade, DCPD High Purity), Application (Unsaturated Polyester Resin, Hydrocarbon Resins, Ethylene Propylene Diene Monomer (EPDM) Elastomers, Cyclic Olefin Copolymer (COC) and Cyclin Olefin Polymer (COP), Poly-DCPD, and Others), End User (Building and Construction, Automotive, Marine, Electrical and Electronic, and Others), and Region 2024-2032

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Abstracts

The global dicyclopentadiene market size reached US\$ 820.4 Million in 2023. Looking forward, IMARC Group expects the market to reach US\$ 1,220.0 Million by 2032, exhibiting a growth rate (CAGR) of 4.4% during 2024-2032.

Dicyclopentadiene is a colorless, flammable and waxy chemical compound with a camphor-like odor. It is the dimer of cyclopentadiene that is produced through the Diels-Alder Reaction. It is commonly produced in large quantities through the steam cracking of petroleum products, such as naphtha, crude oil and gas oils. Dicyclopentadiene is widely used in the production of cyclic olefin, unsaturated polyester resins (UPR), poly dicyclopentadiene (DCPC), inks, paints, hydrocarbon resins, ethylene propylene diene monomer (EPDM) elastomers and adhesives. It is also utilized in the manufacturing of pipes, industrial containers, sanitary ware, construction equipment, pesticides and flame retardants. As a result, it finds extensive application across various industries, such as automotive, marine, construction and electronics.

Dicyclopentadiene Market Trends:

Significant growth in the automotive industry is one of the key factors creating a positive outlook for the market. Dicyclopentadiene is widely used to manufacture various flame-resistant automotive components, such as bumpers, spoilers, body panels and fenders. Additionally, the widespread adoption of UPRs for the manufacturing of chemical and erosion-resistant electrical components is favoring the market growth. Various product innovations, such as the development of environment-friendly bio-based EPDM, are providing a thrust to the market growth. It is manufactured using plant-based and durable materials that aid in minimizing the carbon emissions. In line with this, the increasing product demand in the construction industry is positively impacting the market growth. Dicyclopentadiene is widely used in bathroom electricals, fabrication of bathtubs and swimming pools. Other factors, including the increasing demand for plastic products across various industries, along with the widespread adoption of dicyclopentadiene as an industrial catalyst and solvent, are anticipated to drive the market toward growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global dicyclopentadiene market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on type, application and end user.

Breakup by Type:

- DCPD UPR Grade
- DCPD Resin Grade
- DCPD High Purity

Breakup by Application:

- Unsaturated Polyester Resin
- Hydrocarbon Resins
- Ethylene Propylene Diene Monomer (EPDM) Elastomers
- Cyclic Olefin Copolymer (COC) and Cyclin Olefin Polymer (COP)
- Poly-DCPD
- Others

Breakup by End User:

- Building and Construction

Automotive
Marine
Electrical and Electronic
Others

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Cymetech Corporation (Sojitz Corporation), Dow Inc., KH Chemicals, Kolon Industries Inc., LyondellBasell Industries N.V., Merck KGaA, NOVA Chemicals Corporation, Royal Dutch Shell plc, Shandong Qilong Chemical Co.Ltd., Texmark Chemicals Inc. (Chemical Exchange Industries Inc.), Yeochun NCC Co. Ltd. (Hanwha Group) and ZEON Corporation.

Key Questions Answered in This Report

1. What was the size of the global dicyclopentadiene market in 2023?
2. What is the expected growth rate of the global dicyclopentadiene market during 2024-2032?
3. What are the key factors driving the global dicyclopentadiene market?
4. What has been the impact of COVID-19 on the global dicyclopentadiene market?
5. What is the breakup of the global dicyclopentadiene market based on the type?
6. What is the breakup of the global dicyclopentadiene market based on the application?
7. What are the key regions in the global dicyclopentadiene market?
8. Who are the key players/companies in the global dicyclopentadiene market?

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