

# Ethylene Carbonate Market Size Value To Hit USD 418.5 million by 2027 | CAGR of 6.0%

*The ethylene carbonate market is anticipated to generate \$418.5 million by 2027, is projected to experience growth at a CAGR of 6.0% from 2020 to 2027*

OREGON, PORTLAND, UNITED STATES, July 10, 2023 /EINPresswire.com/ -- The global [ethylene carbonate industry](#) generated \$288.0 million in 2019, and is projected to generate \$418.5 million by 2027, witnessing a CAGR of 6.0% from 2020 to 2027. Market players grabbing the largest market includes Empower Materials, Inc., Huntsman Corporation, BASF SE, Vizag Chemicals International, MERCK KGaA, Cole-Parmer Instrument Company, LLC., Asahi Kasei Corp., Thermo Fisher Scientific, Prasol Chemicals Ltd., Mitsubishi Chemical Holdings.



Ethylene Carbonate Market Forecast

Allied Market Research published a report, titled, "Ethylene Carbonate Market by Form (Solid and Liquid), Application (Lubricants, Surface Coatings, Plasticizers, Lithium Battery Electrolytes, and Others) and End-Use (Automotive, Oil & Gas, Medical, and Others): Global Opportunity Analysis and Industry Forecast, 2020–2027."

## Prime determinants of growth

Increase in demand in lithium-ion electrolytes & lubricant applications and rise of the automotive industry in Asia-Pacific drive the growth of the global ethylene carbonate market. However, fluctuations in the prices of raw materials hinder the market growth. On the other hand, rapid urbanization and adoption of new technologies in lithium-ion batteries present new opportunities in the coming years. □

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## COVID-19 Scenario

Owing to lockdown, manufacturing activities for ethylene carbonate stopped across various countries. In addition, supply and distribution activities are hampered.

Many industrial activities in sectors such as automotive, aerospace, and others came to abrupt halt. This resulted in a significant decrease in demand for ethylene carbonate.

The demand would be restored steadily as daily operations in different end-use industries resume during the post-lockdown period.

The solid segment to continue its lead position during the forecast period

Based on form, the solid segment held the highest market share in 2019, accounting for more than three-fifths of the global ethylene carbonate market, and is projected to continue its lead position during the forecast period. This is attributed to its usage as high permittivity component of electrolytes in lithium and lithium-ion batteries. However, the liquid segment is estimated to witness the highest CAGR of 6.3% from 2020 to 2027, owing to extensive usage as an electrolyte in lithium-ion batteries. □

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The lubricants segment to maintain its dominance in terms of revenue throughout the forecast period

Based on application, the lubricants segment contributed to the largest market share, holding more than one-third of the global ethylene carbonate market in 2019, and is expected to maintain its dominance in terms of revenue throughout the forecast period. This is attributed to its widespread usage in the automotive industry. However, the lithium battery electrolytes segment is estimated to register the "fastest CAGR" of 6.6% from 2020 to 2027. This is due to rise of usage in electric vehicles and focus on clean energy to lower down carbon emissions.

North America□to grow at the fastest rate

Based on region, "North America" is projected to portray the largest CAGR of 6.7% during the forecast period, owing to shift in consumer preference toward synthetic lubricants as they offer superior properties including thermal stability, wear & tear protection, heavy load holding capacity, and low friction. However, "Asia-Pacific" accounted for the highest share with nearly half of the global ethylene carbonate market in 2019, and is expected to continue its highest

contribution by 2027. This is attributed to increased automotive sector and increase in the electric vehicle industry.

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David Correa  
Allied Analytics LLP  
+1 800-792-5285  
[email us here](#)

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