

Chlorinated Polyethylene Market Report by Grade Type (CPE 135A, CPE 135B, and Others), Application (Hose and Tubing, Window and Door Profiles, Fence, Molded and Extruded Goods, Rainwater Goods, Foams, and Others), End Use Industry (Automotive, Wire and Cables, Building and Construction, Coating and Adhesives, and Others), and Region 2025-2033

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Report description:

The global chlorinated polyethylene market size reached USD 705 Million in 2024. Looking forward, IMARC Group expects the market to reach USD 1,159 Million by 2033, exhibiting a growth rate (CAGR) of 5.7% during 2025-2033.

Chlorinated polyethylene (CPE) is a white, non-toxic, and tasteless powder obtained through the substitution of hydrogen atoms with chlorine atoms in high-density polyethylene (HDPE). It has high resistance to acid, oil, alkali, abrasion, and thermal oxygen and ozone aging. It exhibits improved thermal properties, excellent filling performance, and a better compression set, flame retardancy, tensile strength as compared to its conventional counterparts. Consequently, it finds extensive applications in tapes, wire and cable jacketing, roofing, molding and extrusion, and automotive and industrial hose and tubing across the globe.

Chlorinated Polyethylene Market Trends:

The growth of the market can be primarily attributed to the widespread application of CPE in various industry verticals. For instance, due to excellent weatherability, low-temperature flexibility, and anti-aging and combustion properties, CPE is mixed with plastics, including polyethylene, ethylene-vinyl acetate (EVA), and polyvinyl chloride (PVC). This blend is further used to make rigid sheets, which are employed in the agriculture sector. Moreover, CPE mixed with other rubber materials is utilized for modifying magnetic materials. Apart from this, with the thriving construction industry, the demand for CPE is catalyzing for making flexible films for weather protection systems in residential buildings. Additionally, the rising sales of vehicles around the

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world on account of inflating income levels are promoting the adoption of CPE in the automotive industry for anti-skid braking (ABS) systems. Other factors, such as the growing adoption of consumer electronics and the rising use of hoses in the chemical, aerospace, pharmaceutical, and food and beverage (F&B) industries, are also bolstering the growth of the market. Furthermore, the major players are focusing on developing advanced grade products, which is anticipated to propel the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global chlorinated polyethylene market report, along with forecasts at the global, regional and country level from 2025-2033. Our report has categorized the market based on grade type, application and end use industry.

Breakup by Grade Type:

- CPE 135A
- CPE 135B
- Others

Breakup by Application:

- Hose and Tubing
- Window and Door Profiles
- Fence
- Molded and Extruded Goods
- Rainwater Goods
- Foams
- Others

Breakup by End Use Industry:

- Automotive
- Wire and Cables
- Building and Construction
- Coating and Adhesives
- Others

Breakup by Region:

- North America
 - o□United States
 - o□Canada
- Asia-Pacific
 - o□China
 - o□Japan
 - o□India
 - o□South Korea
 - o□Australia
 - o□Indonesia
 - o□Others
- Europe
 - o□Germany
 - o□France
 - o□United Kingdom
 - o□Italy

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- o Spain
- o Russia
- o Others
- Latin America
- o Brazil
- o Mexico
- o 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 Aurora Plastics LLC, Hangzhou Keli Chemical Co. Ltd., Jiangsu Tianteng Chemical Industry Co. Ltd., Lianda Corporation, Shandong Novista Chemicals Co. Ltd, Shandong Gaoxin Chemical Co. Ltd., Shandong Xiangsheng New Materials Technology Co. Ltd, Shandong Xuye New Materials Co. Ltd., Showa Denko K.K., Sundow Polymers Co. Ltd. and Weifang Yaxing Chemical Co. Ltd.

Key Questions Answered in This Report

1. What was the size of the global chlorinated polyethylene market in 2024?
2. What is the expected growth rate of the global chlorinated polyethylene market during 2025-2033?
3. What are the key factors driving the global chlorinated polyethylene market?
4. What has been the impact of COVID-19 on the global chlorinated polyethylene market?
5. What is the breakup of the global chlorinated polyethylene market based on the grade type?
6. What is the breakup of the global chlorinated polyethylene market based on the application?
7. What is the breakup of the global chlorinated polyethylene market based on the end use industry?
8. What are the key regions in the global chlorinated polyethylene market?
9. Who are the key players/companies in the global chlorinated polyethylene market?

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