

# Global Wire & Cable Compounds Market Size Study & Forecast, by Type, End-use Industry and Regional Forecasts 2025-2035

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## Abstracts

In an era marked by rapid technological advancement and intensified global electrification efforts, the global wire & cable compounds market is emerging as an indispensable enabler of high-performance insulation and jacketing solutions. The market, valued at approximately USD 16.19 billion in 2024, is poised to surge at a compelling CAGR of 9.00% through the forecast period of 2025–2035. Wire and cable compounds—formulated from halogenated and non-halogenated polymers—serve as critical functional materials in the construction of robust power, communication, and automotive wiring systems. These compounds not only ensure enhanced durability and electrical performance but also comply with stringent fire safety and environmental regulations, thereby propelling their adoption across high-growth industries.

The steady march toward smarter infrastructure, electric vehicles, and expanding broadband connectivity has dramatically intensified demand for advanced polymer compounds that combine heat resistance, flexibility, and low-smoke zero-halogen (LSZH) characteristics. For instance, halogen-free alternatives such as XLPE and thermoplastic elastomers (TPEs) are gaining momentum in power and telecom applications owing to their eco-friendly profile and mechanical resilience. Moreover, regulatory frameworks such as RoHS and REACH have stimulated a paradigm shift in formulation preferences, prompting manufacturers to reengineer legacy product lines. These factors, coupled with a growing appetite for electrification in off-grid areas and rising investment in renewable energy grids, are amplifying the scope of market opportunities.

Regionally, North America currently dominates the global wire & cable compounds market owing to its mature electrical grid infrastructure, aggressive 5G rollout, and high

EV penetration. The United States, in particular, benefits from significant public and private sector spending on smart city development and renewable energy transitions. Europe, on the other hand, is deeply driven by sustainability goals, with Germany and France actively substituting halogenated compounds in favor of recyclable and biodegradable alternatives. Meanwhile, the Asia Pacific region is projected to register the fastest CAGR during the forecast period, fueled by extensive industrialization in China and India, infrastructure modernization, and a booming electronics manufacturing sector. Government-backed electrification drives and foreign direct investments in Southeast Asia are further accelerating the region's contribution to the global revenue pool.

Major market players included in this report are:

BASF SE

Chevron Phillips Chemical Company

Dow Inc.

Solvay S.A.

Borealis AG

Evonik Industries AG

DuPont de Nemours, Inc.

Eastman Chemical Company

Hanwha Solutions Corporation

ExxonMobil Corporation

Arkema S.A.

DSM Engineering Materials

Mexichem Specialty Compounds

Cabot Corporation

LG Chem Ltd.

## Global Wire & Cable Compounds 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 Type:

Halogenated Polymers

PVC (Polyvinyl Chloride)

CPE (Chlorinated Polyethylene)

Non-halogenated Polymers

XLPE (Cross-linked Polyethylene)

TPES (Thermoplastic Elastomers)

TPV (Thermoplastic Vulcanizates)

TPU (Thermoplastic Polyurethane)

By End-use Industry:

Construction

Automotive

Power

Communication

Others

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

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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