

Global Graphene Epoxy Resin Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Graphene Epoxy Resin market size is expected to reach \$ 5.88 million by 2032, rising at a market growth of 8.4% CAGR during the forecast period (2026-2032).

Global sales of graphene epoxy resin was about 25.2 tons in 2025 with average price of 136 USD/kg. The average gross margin of the industry ranges from 20%-25%. The industry is highly concentrated due to the technology barrier.

Graphene epoxy resin refers to an epoxy resin system in which graphene-based nanomaterials (e.g., graphene nanoplatelets, few-layer graphene, graphene oxide, or reduced graphene oxide) are intentionally incorporated—either as a masterbatch, dispersion, or fully formulated two-component system—to enhance one or more performance attributes such as barrier/corrosion resistance, mechanical toughness, electrical/thermal conductivity, wear resistance, or crack resistance, while still curing primarily via standard epoxy crosslinking chemistry (amine/anhydride, etc.).

This report studies the global Graphene Epoxy Resin production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Graphene Epoxy Resin and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Graphene Epoxy Resin that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Graphene Epoxy Resin total production and demand, 2021-2032, (Tons)

Global Graphene Epoxy Resin total production value, 2021-2032, (USD Million)

Global Graphene Epoxy Resin production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Graphene Epoxy Resin consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Graphene Epoxy Resin domestic production, consumption, key domestic manufacturers and share

Global Graphene Epoxy Resin production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Graphene Epoxy Resin production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Graphene Epoxy Resin production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Graphene Epoxy Resin market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Topsen Technology, Ad-Nano Technologies, The Sixth Element (Changzhou) Materials Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Graphene Epoxy Resin market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Kg) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by

year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Graphene Epoxy Resin Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Graphene Epoxy Resin Market, Segmentation by Type:

1%-3% Graphene

Other

Global Graphene Epoxy Resin Market, Segmentation by Graphene Material:

Few-layer Graphene Type

Other

Global Graphene Epoxy Resin Market, Segmentation by Application:

Heavy Duty Anti-corrosion Coatings

Conductive Coatings

Powder Coatings

Other

Companies Profiled:

Topsen Technology

Ad-Nano Technologies

The Sixth Element (Changzhou) Materials Technology

Key Questions Answered:

1. How big is the global Graphene Epoxy Resin market?
2. What is the demand of the global Graphene Epoxy Resin market?
3. What is the year over year growth of the global Graphene Epoxy Resin market?
4. What is the production and production value of the global Graphene Epoxy Resin market?
5. Who are the key producers in the global Graphene Epoxy Resin market?
6. What are the growth factors driving the market demand?

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