

# Global LED Encapsulation Competitive Landscape Professional Research Report 2025

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## Abstracts

### Market Overview

According to DIResearch's in-depth investigation and research, the global LED Encapsulation market size will reach 2,445.56 Million USD in 2025 and is projected to reach 3,393.26 Million USD by 2032, with a CAGR of 4.79% (2025-2032). Notably, the China LED Encapsulation market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

### Research Summary

Encapsulation is generally adopted in packaging of lamp-LEDs. The encapsulation procedure is to pour liquid epoxy into the LED moulding chamber first, and then insert the LED bracket that has undergone the press welding, then put the mould into the oven, and the LED gets shaped when the epoxy solidifies.

The major global manufacturers of LED Encapsulation include DuPont, Shin-Etsu Chemical, Momentive, Henkel, Nagase, H.B. Fuller, Wacker Chemie AG, Nitto Denko Corporation, Nusil, Hitachi Chemical, Quantum Silicones (CHT), SolEpoxy, Epic Resins, CHT Group, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited

market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of LED Encapsulation. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global LED Encapsulation market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the LED Encapsulation market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of LED Encapsulation industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of LED Encapsulation Include:

DuPont

Shin-Etsu Chemical

Momentive

Henkel

Nagase

H.B. Fuller

Wacker Chemie AG

Nitto Denko Corporation

Nusil

Hitachi Chemical

Quantum Silicones (CHT)

SolEpoxy

Epic Resins

CHT Group

LED Encapsulation Product Segment Include:

Epoxy

Silicone

Polyurethane

LED Encapsulation Product Application Include:

Consumer Electronics

Automotive

Architectural Lighting

Others

## Chapter Scope

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