

Global Hardening Catalyst Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G7728B200944EN.html>

Date: January 2026

Pages: 149

Price: US\$ 4,480.00 (Single User License)

ID: G7728B200944EN

Abstracts

The global Hardening Catalyst market size is expected to reach \$ 4535 million by 2032, rising at a market growth of 5.8% CAGR during the forecast period (2026-2032).

A hardening catalyst is a reactive chemical additive used to initiate, accelerate, or control the curing (crosslinking) of thermosetting systems such as epoxies, polyurethanes, silicones, phenolic resins, unsaturated polyesters, and acrylics, enabling liquid or semi-liquid formulations to harden into durable solids with defined mechanical, thermal, and chemical properties. The supply chain begins with upstream chemical feedstocks (amines, metal salts, organotin compounds, peroxides, platinum complexes, acids, and organophosphorus compounds) sourced from basic chemical producers, followed by specialty catalyst synthesis and formulation by chemical manufacturers that tailor activity, latency, and compatibility for specific resin systems. These catalysts are then supplied to resin and compound formulators, adhesive and sealant producers, coating manufacturers, and rubber and composite processors, before reaching downstream end users in construction, automotive, electronics, aerospace, energy, and industrial manufacturing, where precise curing control is critical for performance, productivity, and quality consistency. In 2025, the global hardening catalyst market achieves an annual production volume of approximately 410,000 tons against an installed production capacity of around 500,000 tons per year, with average unit prices ranging from USD 5,800 to 9,500 per ton, while leading manufacturers sustain an average gross margin of about 34%.

This report studies the global Hardening Catalyst production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Hardening

Catalyst 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 Hardening Catalyst that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Hardening Catalyst total production and demand, 2021-2032, (Tons)

Global Hardening Catalyst total production value, 2021-2032, (USD Million)

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

Global Hardening Catalyst consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Hardening Catalyst domestic production, consumption, key domestic manufacturers and share

Global Hardening Catalyst production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Hardening Catalyst production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Hardening Catalyst production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Hardening Catalyst 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 BASF (Germany), Dow Chemical (USA), Evonik (Germany), Huntsman (USA), Covestro (Germany), Momentive (USA), Tosoh (Japan), King Industries (USA), Umicore (Belgium), Wanhua Chemical (China), 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 Hardening Catalyst market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) 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 Hardening Catalyst Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Hardening Catalyst Market, Segmentation by Type:

Amine-based Catalyst

Peroxide-based Catalyst

Metal-based Catalyst

Others

Global Hardening Catalyst Market, Segmentation by Reactivity:

Fast-acting Catalyst

Latent Catalyst

Delayed-action Catalyst

Global Hardening Catalyst Market, Segmentation by Application:

Construction

Automotive

Marine

Aerospace & Defense

Industrial

Electronic

Healthcare

Others

Companies Profiled:

BASF (Germany)

Dow Chemical (USA)

Evonik (Germany)

Huntsman (USA)

Covestro (Germany)

Momentive (USA)

Tosoh (Japan)

King Industries (USA)

Umicore (Belgium)

Wanhua Chemical (China)

LANXESS (Germany)

Hexion (USA)

Albemarle (USA)

Johnson Matthey (UK)

Mitsubishi Chemical (Japan)

Clariant (Switzerland)

DuPont (USA)

Nouryon (Netherlands)

Key Questions Answered:

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

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