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Global 3D Printed Elastomer Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global 3D Printed Elastomer market size is expected to reach $ 1582 million by 2032, rising at a market growth of 20.1% CAGR during the forecast period (2026-2032).
Scale is inflecting upward, and 3D Printing Elastomers are moving from ?proof of printability? to ?repeatable supply chains for end-use parts.? In 2025, global volume reaches 55,855 tons, implying an average price of about USD 7.31/kg. By 2032, volume is projected to reach 196,380 tons and revenue USD 1,575.44 million. On a 2026?2032 basis, volume CAGR is ~19.6% while revenue CAGR is ~20.6%, signaling mix upshift toward higher-performance formulations, value-added powder/resin forms, and deeper qualification in regulated or reliability-driven applications.
Competition shows ?concentrated leaders with a meaningful long tail,? where ecosystem leverage matters as much as formulation know-how. In 2025, the top five suppliers by volume (Arkema, BASF, Evonik, Henkel, Shin-Etsu) account for ~44.9% of global tons; by revenue, the same group represents ~49.6%, indicating stronger exposure to premium segments and pricing power. Beyond the top tier, Kraiburg, Kuraray, Lubrizol, EOS, Stratasys, 3D Systems, Carbon, Formlabs, Chromatic 3D Materials, and Chinese players such as Wanhua Chemical, Huafon Group, and Miracll Chemicals reinforce a multi-layer supply landscape, accelerating adoption of 3D Printing Elastomers across use cases.
Regionally, supply and demand are decoupled: Europe remains the primary production hub while Asia-Pacific increasingly anchors consumption growth. In 2025, Europe contributes ~52.7% of production, yet Asia-Pacific already leads consumption at ~37.5% (vs. North America ~31.4% and Europe ~24.7%). By 2032, Asia-Pacific consumption share rises to ~42.2%, reflecting scaling adoption across consumer products, automotive functional parts, and industrial applications supported by localized qualification and faster delivery.
Application-wise, consumer products lead (~35.9%), followed by automotive (~20.2%),

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industrial (~17.9%), and medical devices & consumables (~15.8%). Robotics and drones are smaller (~7.7% combined) but premium-priced: implied 2025 ASPs are ~USD 8.8/kg for robotics and ~USD 9.5/kg for drones versus ~USD 6.2/kg for consumer products, underscoring superior price realization where reliability and performance requirements are higher.

Recommendations center on tighter ?materials?platform?application? co-innovation. Material suppliers should productize scalable powder/resin systems with cross-platform printability, qualification packages, and multi-region supply readiness?prioritizing premium segments (drones, robotics, automotive functional parts, durable medical components) where ASPs remain structurally higher. Printer and platform companies should reduce adoption friction via certified parameter sets, traceability, and application playbooks to drive material pull-through. End users should focus on design-for-additive opportunities that consolidate assemblies, reduce inventory, and shorten iteration cycles, while maintaining dual-sourcing strategies for qualified materials to de-risk certification timelines and supply continuity.

This report studies the global 3D Printed Elastomer production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for 3D Printed Elastomer 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 3D Printed Elastomer that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global 3D Printed Elastomer total production and demand, 2021-2032, (Tons)

Global 3D Printed Elastomer total production value, 2021-2032, (USD Million)

Global 3D Printed Elastomer production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global 3D Printed Elastomer consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: 3D Printed Elastomer domestic production, consumption, key domestic manufacturers and share

Global 3D Printed Elastomer production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global 3D Printed Elastomer production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global 3D Printed Elastomer production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global 3D Printed Elastomer market based on the following parameters - company overview, production, value, price, gross margin,

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product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include BASF, Evonik, Arkema, Henkel, Shin-Etsu, Kuraray, Kraiburg, EOS GmbH, Stratasys, Lubrizol, 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 3D Printed Elastomer 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 3D Printed Elastomer Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global 3D Printed Elastomer Market, Segmentation by Type:

TPE Elastomer

Silicone Rubber Elastomer

Others

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Global 3D Printed Elastomer Market, Segmentation by Physical Form:

Powder

Filament

Global 3D Printed Elastomer Market, Segmentation by Hardness:

Hardness, above 50A

Hardness, below 50A

Global 3D Printed Elastomer Market, Segmentation by Application:

Consumer Good

Automotive

Industrial

Medical Equipment and Consumable

Robot

Drone

Others

Companies Profiled:

BASF

Evonik

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Arkema

Henkel

Shin-Etsu

Kuraray

Kraiburg

EOS GmbH

Stratasys

Lubrizol

3D Systems

Wanhua Chemical

Huafon Group

Elkem (China National Bluestar)

Formlabs

Carbon

Miracll Chemicals

Chromatic 3D Materials

Key Questions Answered:

1. How big is the global 3D Printed Elastomer market?
2. What is the demand of the global 3D Printed Elastomer market?
3. What is the year over year growth of the global 3D Printed Elastomer market?
4. What is the production and production value of the global 3D Printed Elastomer market?

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5. Who are the key producers in the global 3D Printed Elastomer market?
6. What are the growth factors driving the market demand?

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