

Polymer Bearing Trends: Recent Market Developments and Business Strategies

Automotive, medical, pharmaceutical, textiles, chemicals, and electronics sectors are witnessing rising adoption of polymer bearings.

WILMINGTON, DE, UNITED STATES, July 25, 2025 /EINPresswire.com/ -- The growing adoption of polymer bearings across key industries such as automotive, medical & pharmaceutical, textile, food processing, chemicals, office products, and semiconductors is unlocking new opportunities for the global <u>polymer bearing</u> <u>market</u>.



Polymer Bearing Market, by Type of Material

According to Allied Market Research, the

global polymer bearing market was valued at \$9.4 billion in 2021 and is projected to reach \$14.9 billion by 2031, registering a CAGR of 4.8% from 2022 to 2031.

Regional Insights:

- Asia-Pacific led the market in 2021, contributing nearly 40% of global revenue, and is expected to maintain its dominance while posting the fastest CAGR of 5.0% through 2031.

Market Drivers & Opportunities:-

Increased Usage in Diverse Industries:

- Automotive, medical, pharmaceutical, textiles, chemicals, and electronics sectors are witnessing rising adoption of polymer bearings.

Technical Advancements:

- Innovations in production processes are improving performance and durability.

Growing Demand & Awareness:

- Rising recognition of benefits like low friction, corrosion resistance, and maintenance-free operation.

Market Challenges:

Strict Government Regulations:-

- Compliance requirements across sectors may impact adoption speed.

High Raw Material Costs:

- Price volatility for materials like phenolic and acetal resins poses a constraint.

Segment Insights:

By Material:

- Phenolic Bearings: Held the largest share (>40%) in 2021.
- Acetal Bearings: Projected to grow at the highest CAGR of 5.2% during the forecast period.

By End-Use Industry:

- Automotive Segment: Accounted for the largest market share and is expected to post the fastest CAGR of 5.2% through 2031.

Regional Breakdown:-

Asia-Pacific:

- Largest and fastest-growing region, driven by robust automotive, electronics, and manufacturing sectors.

North America & Europe:

- Continue to offer stable demand, especially in medical and industrial applications.

Key Players in the Market:

- Altra Industrial Motion Corp.
- Igus Bearings Inc.
- Saint-Gobain
- SKF
- OILES Corporation
- Dotmar Engineering Plastics
- KMS Bearings, Inc.
- ISB Industries
- Waukesha Bearings Corporation
- Kashima Bearings, Inc.

These companies are actively investing in R&D, strategic partnerships, and regional expansions to strengthen their competitive edge.

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