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# Global Shot Peening Abrasives Market Research Report 2026

【行业】:其他 【报告编码】:177708383851255

【出版时间】:1911-11-28 【订购热线】:+86 180 2246 3983

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【报告价格】: ¥0.00 中文电子版
¥0.00 英文电子版
¥0.00 中文+英文电子版

## 内容摘要

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The global Shot Peening Abrasives market was valued at US$ 3000 million in 2025 and is anticipated to reach US$ 4522 million by 2032, at a CAGR of 6.5% from 2026 to 2032.
The 2025 U.S. tariff policies introduce profound uncertainty into the global economic landscape. This report critically examines the implications of recent tariff adjustments and international strategic countermeasures on Shot Peening Abrasives competitive dynamics, regional economic interdependencies, and supply chain reconfigurations.
In 2025, global sales of Shot Peening Abrasives reached approximately 2.5 million tons, with an average market price of about USD 1,200 per ton, an annual production capacity of roughly 3 million tons, and an industry-average gross margin of approximately 15%.
Shot Peening Abrasives are impact media used for surface strengthening of metal components. By propelling particles at high velocity onto a workpiece, they induce compressive stress layers that enhance fatigue resistance, inhibit crack propagation, and extend service life. Common types include cast steel shot, steel grit, stainless steel shot, ceramic media, and glass beads.
Upstream inputs include scrap steel or raw steel, alloying elements, ceramic powders, and energy; midstream processes involve melting, atomization or crushing, screening, and heat treatment; downstream demand comes mainly from automotive components, aerospace structures, wind power parts, springs, and gears—making it a cyclical industrial consumable linked to overall manufacturing activity.
The Shot Peening Abrasives market is a mature but structurally important segment of the broader metal surface treatment industry, closely tied to automotive, aerospace, energy, and heavy equipment manufacturing. Demand is fundamentally driven by the need to improve fatigue strength, durability, and safety of critical metal

components, making it a functional rather than discretionary consumable. The market is characterized by high volume in conventional steel media and higher value concentration in ceramic and specialty products used in aerospace and precision applications. While overall growth typically tracks industrial production cycles, long-term demand is supported by lightweight material adoption, stricter safety standards, and increasing emphasis on component lifespan extension. Competitive dynamics favor manufacturers with strong quality consistency, metallurgical expertise, and stable customer relationships, as process reliability is critical in end-use applications.

This report delivers a comprehensive overview of the global Shot Peening Abrasives market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Shot Peening Abrasives. The Shot Peening Abrasives market size, estimates, and forecasts are provided in terms of output/shipments (Tons) and revenue (US$ millions), with 2025 as the base year and historical and forecast data for 2021–2032.

The report segments the global Shot Peening Abrasives market comprehensively. Regional market sizes by Type, by Application, by Particle Shape, and by company are also provided. For deeper insight, the report profiles the competitive landscape, key competitors, and their respective market rankings, and discusses technological trends and new product developments.

This report will assist Shot Peening Abrasives manufacturers, new entrants, and companies across the industry value chain with information on revenues, production, and average prices for the overall market and its sub-segments, by company, by Type, by Application, and by region.

Market Segmentation

By Company

- TOYO SEIKO
- NICCHU CO.,LTD.
- Winoa
- ITOH KIKOH
- Opta Minerals
- Premier Shot
- AGSCO Corporation
- Synco Industries
- Ervin Amasteel - UK
- FROHN GmbH
- Blastrite
- Saint-Gobain
- Shandong Kaitai
- Shandong Huamin

Segment by Type

- Glass
- Resin
- Metal
- Others

Segment by Particle Shape

- Spherical
- Angular
- Cut Wire Shot

Segment by Sales Channel

- Online
- Offline

by Application

- Automotive
- Aerospace
- Others

Production by Region

- North America
- Europe
- China
- Japan

Consumption by Region

- North America
- U.S.

Canada
Asia-Pacific
China
Japan
South Korea
China Taiwan
Southeast Asia
India
Australia
Rest of Asia
Europe
Germany
France
U.K.
Italy
Russia
Rest of Europe
Latin America, Middle East & Africa
Mexico
Brazil
Turkey
GCC Countries
Egypt

Chapter Outline

Chapter 1: Defines the scope of the report and presents an executive summary of market segments (by Type, by Application, by Particle Shape, etc.), including the size of each segment and its future growth potential. It offers a high-level view of the current market and its likely evolution in the short, medium, and long term.
Chapter 2: Provides a detailed analysis of the competitive landscape for Shot Peening Abrasives manufacturers, including prices, production, value-based market shares, latest development plans, and information on mergers and acquisitions.
Chapter 3: Examines Shot Peening Abrasives production/output and value by region and country, providing a quantitative assessment of market size and growth potential for each region over the next six years.
Chapter 4: Analyzes Shot Peening Abrasives consumption at the regional and country levels. It quantifies market size and growth potential for each region and its key countries, and outlines market development, outlook, addressable space, and national production.
Chapter 5: Analyzes market segments by Type, covering the size and growth potential of each segment to help readers identify “blue ocean” opportunities.
Chapter 6: Analyzes market segments by Application, covering the size and growth potential of each segment to help readers identify “blue ocean” opportunities in downstream markets.
Chapter 7: Profiles key players, detailing the fundamentals of major companies, including product production/output, value, price, gross margin, product portfolio/introductions, and recent developments.
Chapter 8: Reviews the industry value chain, including upstream and downstream segments.
Chapter 9: Discusses market dynamics and recent developments, including drivers, restraints, challenges and risks for manufacturers, U.S. Tariffs and relevant policy analysis.
Chapter 10: Summarizes the key findings and conclusions of the report.