

## **Australia Abrasives Market Size, Share and Growth Analysis Report: Forecast Trends and Outlook (2025-2034)**

Market Report | 2025-10-25 | 120 pages | EMR Inc.

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### **Report description:**

**Australia Abrasives Market Trends**The growth of the Australia abrasives market is driven by the expansion of manufacturing sector, which increases demand for abrasives in production and finishing. Industrialisation accelerates demand across sectors like automotive and aerospace, while technological advancements improve product performance. The automotive industry significantly contributes to the need for abrasives, especially for repairs and paint removal. According to the FCAI, the Australian automotive market reached a historic milestone in 2023, surpassing previous records for new vehicle sales. A total of 1,216,780 vehicles were sold throughout the year. The mining industry's growth in Australia further fuels the demand for the Australia abrasives market, which are essential for extraction, surface preparation, and equipment maintenance. With a range of applications, abrasives are vital in precision engineering and automated production processes. Growing environmental awareness is also encouraging the adoption of sustainable abrasives and manufacturing practices, benefiting the industry.

**Australia Abrasives Market Growth**The Australia abrasives market revenue is positively influenced by its strong export potential, contributing to the economy through international trade. Innovations like diamond-coated abrasives meet complex market needs, while customisation options for grain size and material type provide tailored solutions. The rise in DIY and home renovation trends further boosts demand in retail markets. Additionally, the growth of the renewable energy sector increases the demand for abrasives in manufacturing and maintenance. As reported by the Australian Bureau of Statistics, the value of new residential construction surged by 19.4% in January 2024, further supporting market growth. The Australia abrasives market also benefits from opportunities in industries that require high-quality finishes, such as aerospace and electronics, which drive the need for precision abrasives. Intense competition among manufacturers spurs innovation and the development of superior products. Government regulations ensure safety, boosting consumer confidence. The availability of diverse abrasive materials, such as aluminum oxide and diamond, provides more options. Ongoing research and development continue to improve abrasives, driving long-term market growth.

**Australia Abrasives Market Insights**- According to industry reports, Australia's construction sector, valued at over USD 162 billion annually, drives demand for abrasives used in cutting, grinding, and polishing materials, particularly in infrastructure and residential developments. This expanding sector further boosts the need for abrasives, contributing to long-term market growth.- As stated by the FCAI, Australia's automotive industry produced over a million new vehicles in 2022,

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with a notable proportion in SUVs and light commercials. This growth in vehicle production increases the demand for abrasives in manufacturing, repair, and surface finishing processes, particularly for paint removal and polishing.- As reported by the Australian government, Australia produced 891 PJ of crude oil, condensate, and LPG in 2021-22, with 85% being exported. This drives the demand for abrasives in oil extraction, equipment maintenance, and refining, further supporting the market growth, especially in mining and energy sectors. Industry News July 2020 3M's Abrasives System Division has launched a three-part "Shop Talk" webinar series, offering industry professionals valuable insights into abrasive technology and best practices. The series focused on improving business efficiency, adopting innovative practices, and enhancing operational safety through advanced technologies. February 2019 At Motortec Automechanika, Roberlo showcased new products: Gova Fit abrasive paper, Gova Lux film substrate discs, and Gova Duo double-sided pad. Gova Fit offered flexibility and long life for wet and dry sanding. Gova Lux provided durability and performance. Gova Duo adapted to contours, reducing clogging and increasing usability. Australia Abrasives Market Drivers Increase in Demand from Automotive and Construction Sectors The automotive and construction industries are shaping the Australia abrasives market dynamics and trends. In the automotive sector, abrasives are essential for car part production, polishing, and repairs. In construction, they are crucial for surface preparation, concrete polishing, and material cutting. As these sectors grow, driven by infrastructure projects and automotive market expansion, the abrasives market benefits from a rising need for high-quality products. According to the Australian Bureau of Statistics (ABS), 44,853 dwellings were completed in the June quarter of 2024, with 28,228 being private new houses, marking an 11.4% rise. Rise of E-Commerce and DIY Market The opportunities in the Australia abrasives market are benefiting from the growth of e-commerce and the rise in DIY projects. Consumers are increasingly buying abrasives online for home improvements, automotive repairs, and personal hobbies. Retailers are taking advantage of this trend by offering a variety of abrasive products through online platforms, making them more accessible. This shift in consumer behaviour is expected to continue, driven by the growing interest in home renovations, car detailing, and personal craftsmanship, especially as people spend more time at home. According to the Australian Bureau of Statistics (ABS), the e-commerce retail sector contributed 41.5% to the growth of digital activities in Australia during 2020-21. Opportunities in the Australia Abrasives Market The development of the Australia abrasives market is being driven by the industrial and commercial sectors, particularly in manufacturing, construction, and mining. Abrasives are widely used for cutting, grinding, polishing, and surface preparation in these industries. With ongoing expansion in Australia's infrastructure and mining projects, there is a sustained demand for abrasives in the production of industrial parts and machinery, as well as for the maintenance of existing equipment. As the Australian economy continues to grow, the abrasives market benefits from higher consumption across industries reliant on abrasive tools. According to the Australian Bureau of Statistics, the mining industry saw the largest earnings growth of USD 52.0b (23.4%) in the 2022-23 financial year. Market Restraints The Australia abrasives market faces several challenges, including high production costs driven by raw material expenses and advanced manufacturing processes, which hinder profitability, particularly for smaller players. Stricter environmental regulations increase operational costs, while competition from low-cost imports pressures local manufacturers. Supply chain disruptions and fluctuating raw material prices add further instability. Additionally, a lack of awareness in some sectors about advanced abrasives limits market adoption, and the high costs of research and development restrict innovation, especially for smaller companies. Economic downturns and reliance on imported raw materials can cause market volatility, while consumer preference for low-cost products constrains the growth of premium abrasive segments. "Australia Abrasives Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments: Market Breakup by Raw Material- Synthetic Abrasives??- Aluminum Oxide??- Metallic Abrasives??- Silicon Carbide??- Others- Natural Abrasives Market Breakup by Type- Super Abrasives- Bonded Abrasives- Coated Abrasives- Others Market Breakup by Application- Drilling- Cutting- Grinding- Polishing- Others Market Breakup by End Use- Automotive- Construction- Metal Manufacturing- Oil and Gas- Aerospace- Electronics- Others Market Breakup by Region- New South Wales- Victoria- Queensland- Australian Capital Territory- Western Australia- Others Australia Abrasives Market Share Market Analysis by Type According to the Australia abrasives market analysis, super abrasives such as diamond and cubic boron nitride (CBN) are prized for their precision and durability. These abrasives improve cutting, grinding, and polishing efficiency in industries like automotive, aerospace, and manufacturing, delivering exceptional performance and longer tool life. As reported by the International Trade Administration, Australia's aircraft manufacturing and repair services generated over USD 2.2 billion in revenue in 2022, further driving demand for high-quality abrasives required for precision manufacturing, repairs, and surface finishing. The Australia abrasives market growth is boosted by bonded abrasives as they are also crucial for heavy-duty grinding

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and cutting applications, offering excellent surface finishes, enhanced productivity, and durability, especially in metalworking, automotive, and construction sectors. Boeing Australia leads with a market share of 45.9%, followed by BAE Systems at 22.9%, and Airbus Australia at 15%. The presence of these companies boosts abrasives demand in both production and maintenance and fostering innovation. Market Analysis by Application According to the Australia abrasives market report, drilling applications benefit from abrasives that provide high precision and efficient material removal. These abrasives extend the lifespan of drilling tools, improve performance, and create clean, smooth holes in tough materials like metal, rock, and concrete, benefiting industries such as mining, construction, and manufacturing by enhancing efficiency and reducing costs. The demand for the Australia abrasives market is driven by their essential role in the cutting sector, where they provide sharp and precise cuts through materials like metals, ceramics, and composites. Cutting abrasives enhance speed, accuracy, and tool longevity, benefiting industries such as automotive, aerospace, and construction, while also improving productivity and reducing operational costs. The expansion of the Australia abrasives market is driven by the importance of grinding for materials like metal, concrete, and ceramics. It refines surface finishes, eliminates imperfections, and shapes components effectively. Grinding abrasives guarantee precision, performance, and durability, addressing a wide range of industrial requirements. Polishing abrasives in the market improve the smoothness and shine of surfaces, especially in the automotive, metal, and stone sectors. They remove scratches, enhance aesthetic appeal, and provide a flawless finish. Polishing abrasives are essential for achieving high-quality, reflective surfaces across various applications. Market Analysis by End Use The growth of the Australia abrasives market is driven by the metal manufacturing sector, which benefits from abrasives that enhance efficiency in processes like cutting, grinding, and polishing. Abrasives improve surface finishes and precision, reducing production time and costs. The increasing demand for high-quality metal products fuels the need for specialised abrasives. According to the Australian Government, the manufacturing industry is projected to grow from 881,000 in May 2023 to 1.02 million by May 2033. The Australia abrasives market is also boosted by the oil and gas industry, which relies on abrasives to improve maintenance and operational efficiency. Abrasives are vital for pipeline cleaning, corrosion removal, and surface preparation in both offshore and onshore operations, ensuring equipment longevity and productivity. The Australian Government has committed USD 49.5 million over four years (2022-2023 to 2025-2026) for the domestic supply of diesel exhaust fluid (DEF). Australia Abrasives Market Regional Insights New South Wales Abrasives Market Regional Insights New South Wales (NSW) benefits from a robust manufacturing and construction sector, which drives the demand for abrasives in cutting, grinding, and polishing. Infrastructure expansion and rising residential construction contribute to market growth. In 2022, the NSW construction industry added AUD 72 billion to the state economy, increasing abrasives usage due to growing infrastructure projects. Queensland Abrasives Market Trends According to the Australia abrasives industry analysis, Queensland's expanding mining, construction, and automotive industries boost the demand for abrasives in surface preparation, cutting, and polishing. The state's increasing infrastructure development, coupled with its thriving economy, creates strong demand in industrial and commercial sectors. Between 2023 and 2024, Queensland saw the largest proportionate rise in vehicle registrations, at 3.40%, according to BITRE. Western Australia Abrasives Market Dynamics Western Australia's resource-driven economy, especially in mining and energy, drives abrasives demand for extraction, equipment maintenance, and surface preparation. The growth of mining operations sustains abrasives' importance, providing long-term market opportunities. CEIC reported Western Australia's motor vehicle registrations at 2,314,712 units in 2021. Competitive Landscape The Australia abrasives market key players operate across various industries, including automotive, aerospace, metalworking, and manufacturing. They offer a wide range of products such as bonded, coated, and superabrasives, including diamond and CBN tools, which are designed to provide precision, quality, and efficiency in surface finishing, grinding, and cutting. With a strong emphasis on sustainability, these companies focus on eco-friendly production methods and the development of solutions that enhance productivity while minimising waste. Key Industry Players GMA Garnet Pty Ltd. (GMA Garnet Group): Headquartered in Perth, Australia, GMA Garnet Pty Ltd., established in 1981, is a global leader in the production of garnet abrasives. The company provides high-quality garnet for sandblasting and waterjet cutting applications. It serves various industries, including construction, mining, and oil & gas, with operations worldwide. Gobain Abrasives Pty Ltd.: Gobain Abrasives, founded in 2005 and headquartered in Sydney, Australia, is part of the global Saint-Gobain Group. The company manufactures a wide range of abrasives, including bonded, coated, and diamond products, serving industries like automotive, aerospace, and manufacturing with high-performance solutions. CUMI (Australia) : CUMI Australia is a subsidiary of the Carborundum Universal Limited (CUMI) group, and was established in 1996. Headquartered in Sydney, it specialises in high-quality abrasives, ceramic products, and

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industrial chemicals. CUMI Australia serves sectors like automotive, construction, and metalworking, offering innovative solutions with a focus on performance and sustainability. 3M Australia Pty Limited: 3M Australia, established in 1951 and headquartered in Sydney, is part of the global 3M corporation. The company offers a diverse range of abrasives for industries such as automotive, construction, and manufacturing. 3M is renowned for its technological innovations in products, enhancing efficiency and performance in various applications. Other key players in the Australia abrasives market report are Hermes Abrasives Australia Pty Ltd., PFERD Australia Pty Ltd., 111 Abrasives Australia Pty Ltd., and Sheffield Group, among others. Recent Developments October 2024 GMA Garnet aimed to increase its share of the abrasives market following an acquisition. Forty years earlier, the company pioneered the use of garnet as a blast abrasive in a small coastal town in Western Australia. Since then, it has developed an advanced range of garnet abrasives for blasting and waterjet cutting, creating a global supply chain focused on improving performance and lowering costs for customers. October 2024 SmartLine, a new Australian brand, focused on quality, innovation, and affordability, launched its range of professional body shop products. The initial offerings included ceramic discs (150mm, 15-hole, P80 to P800 grits) and ceramic rolls (115mm and 70mm, 12-metre multi-hole, P80 to P400 grits), designed to save time and money on repairs.

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