

# **Coated Abrasives Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application**

<https://marketpublishers.com/r/C4852300C625EN.html>

Date: February 2025

Pages: 120

Price: US\$ 3,200.00 (Single User License)

ID: C4852300C625EN

## **Abstracts**

### **Coated Abrasives Market Review 2025**

The coated abrasives market is a crucial segment of the industrial and manufacturing sectors, comprising various materials vital for grinding, polishing, and finishing processes. Coated abrasives are made by bonding abrasive grains to a flexible backing, offering diverse applications across numerous industries.

#### **Market Overview**

According to a recent analysis, the coated abrasives market is projected to grow significantly in the coming years. The global market was valued at approximately USD 12.4 billion in 2022 and is expected to reach around USD 17.1 billion by 2030, growing at a CAGR of 4.5% from 2025 to 2030. With increasing industrialization and demand for high-performance abrasives, the market is set to witness robust growth.

#### **Market Size**

In terms of volume, the coated abrasives market is expected to reach over 1.9 million tonnes by 2025, driven by growing demand across various sectors. The product segment is expected to drive considerable revenue, with expectations of holding a market share of about 35%-40% by 2025. Various factors, including technological advancements and the introduction of innovative abrasive products, will likely fuel this growth.

#### **Market Share & Trends Analysis**

By Product Type:

**Belts:** Expected to hold the largest share of approximately 30% of the total market.

**Discs:** Anticipated to grow steadily, capturing around 25% market share.

**Rolls:** Projected to hold a notable market share of roughly 20%.

**Others:** Including sheets and specialty products, forecasted growth of about 10%-15%.

#### By Key Players:

Major players in the coated abrasives market include:

3M

Saint-Gobain

VSM Abrasives Corp.

sia Abrasives

Hermes

Grindwell Norton

CUMI

Sankyo-Rikagaku

Noritake Coated Abrasive

Napoleon Abrasives

Weiler Corp

Dongguan Goldsun

WDG

Hubei Yuli

Joysun Abrasives

#### By Process

The coated abrasives market can be segmented based on the processing techniques used:

**Grinding:** Expected to hold the largest share at about 45% due to its widespread application across various industries.

**Sanding:** Anticipated to constitute around 35% of the market as it is integral to finishing processes.

**Others:** Including deburring and polishing, expected to grow by approximately 10%.

#### By Application

Different industrial sectors utilize coated abrasives, which can be broken down as follows:

**Aerospace:** Estimated to account for about 12% market share, driven by stringent quality demands.

**Automotive:** Expected to constitute around 20% of total market value, fueled by the increasing automobile production.

**Building & Construction:** Projected to hold a market share of approximately 15%.

**General Fabrication:** Expected to capture around 25% market share.

**Wood & Furniture:** Anticipated growth within this sector of approximately 10%.

**Manufacturing & Industry:** Projected to account for about 10% of total consumption.

**Electronics:** Estimated at 5%-8%, with growing demand for precise components.

**Others:** Including niche markets, expected to grow by around 1%-3%.

### By End-Use

The coated abrasives market's growth is closely tied to end-use industries, including:

**Industrial Users:** Representing about 50% of the total market share.

**Retail:** Expected to hold a significant portion, around 30%.

**Others:** Including online platforms and specialty stores, will capture approximately 10%-20% of the market.

### By Region

Geographically, the coated abrasives market can be segmented as follows:

**North America:** Anticipated to hold approximately 25% market share, owing to high industrial output.

**Europe:** Expected to account for roughly 30% market share, with key applications in automotive and aerospace.

**Asia Pacific:** Predicted to experience the fastest growth, with a projected market share of over 35% due to rising manufacturing activities, particularly in China and India.

**Latin America:** Expected to capture around 5%-10% market share.

**Middle East & Africa:** Projected growth of approximately 5%.

### Market News on Policy and Companies

Recent trends indicate increased focus on sustainability and environmental friendliness

within the coated abrasives market. Many companies are investing in eco-friendly materials and processes, aligning with both regulatory requirements and market demand. For instance, 3M has introduced a new line of products with reduced environmental impact. Furthermore, competition is intensifying as major players strive for innovation and cost-effectiveness.

#### Segment Forecasts, 2025 - 2030

Looking ahead, the coated abrasives market is consolidated to exhibit steady growth during the forecast period, with anticipated market developments as follows:

Expanded applications in new sectors such as renewable energy and electronics will drive market evolution.

Increased demand for customization of abrasive products, tailored to specific industrial needs.

Investment in R&D to innovatively address challenges such as high-performance abrasives and enhanced durability.

Growth in emerging economies, where rising industrial activity promises new opportunities for market expansion.

In conclusion, the coated abrasives market is poised for significant growth, driven by various factors including industrial demand and advancements in technology. For businesses operating in this market, adaptability and innovation will be key to capitalizing on opportunities and navigating potential challenges that may arise. The anticipated growth from 2025 to 2030 will hinge on strategic positioning and responsiveness to shifting market dynamics.

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