

# Abrasive Materials, Products, Applications and Global Markets

<https://marketpublishers.com/r/AA59B2ED17AEN.html>

Date: December 2017

Pages: 213

Price: US\$ 1,250.00 (Single User License)

ID: AA59B2ED17AEN

## Abstracts

The global market for abrasives reached \$38.2 billion in 2016. The market should reach \$39.8 billion in 2017 and \$51.9 billion by 2022, growing at a compound annual growth rate (CAGR) of 5.5% during 2017-2022.

The North American market for abrasives reached \$8.1 billion in 2016. The market should reach \$8.4 billion in 2017 and \$10.3 billion by 2022, growing at a CAGR of 4.2% during 2017-2022.

The European Union market for abrasives reached \$7.1 billion in 2016. The market should reach \$7.0 billion in 2017 and \$8.2 billion by 2022, growing at a CAGR of 3.2% during 2017-2022.

## Contents

### **CHAPTER 1 INTRODUCTION**

Study Goals and Objectives  
Reasons for Doing This Study  
Scope of Report  
Information Sources  
Methodology  
Regional Breakdown  
Analyst's Credentials  
Related BCC Research Reports

### **CHAPTER 2 SUMMARY AND HIGHLIGHTS**

### **CHAPTER 3 MARKET AND TECHNOLOGY BACKGROUND**

Defining Abrasives  
Factors Affecting Choice of Abrasives  
Importance of the Abrasive Industry  
Industry History  
Abrasive Classifications  
Natural Abrasives  
Synthetic Abrasives  
Superabrasives  
Combination Abrasives  
Abrasive Tool Classification  
Loose Abrasives  
Bonded Abrasives  
Coated Abrasives  
Nonwoven Abrasives  
Polishing Products  
Abrasive Applications  
Buffing  
Cutting  
Grinding  
Honing  
Lapping  
Machining

Polishing

## **CHAPTER 4 GLOBAL ABRASIVE MARKET SIZE AND NATURE**

Global Gross Domestic Product Analysis  
Global Abrasive Industry Mergers and Acquisitions  
Global Abrasive Industry Trends  
Stable Currencies  
Monetary Policies  
Oil Prices  
Currency Fluctuations  
Currency Trends for 2017 to 2018  
Electric Vehicles  
Abrasive Grain Market Overview  
Alumina Industry  
Fused Alumina Global Capacity and Usage  
Calcined Alumina Market  
Sol Gel Alumina Market  
Global Silicon Carbide Industry Trends  
Photovoltaic Industry  
Silicon Carbide Global Capacity and Usage  
Diamond Market  
Industrial Diamonds: Natural and Synthetic  
Cubic Boron Nitride and Other  
Metallic Abrasives  
Cutting Tool Industry  
Natural Abrasives  
Abrasive Powder and Grains  
Abrasive Products

## **CHAPTER 5 U.S. ABRASIVE MARKET**

Abrasive Grain Market  
Alumina Industry  
Silicon Carbide Industry  
Diamond Industry  
Cubic Boron Nitride Industry  
Tungsten Carbide Industry  
Natural Abrasives

Metallic Abrasives  
Abrasive Product Market

## **CHAPTER 6 EUROPEAN ABRASIVE MARKET**

Abrasive Grain Market  
Natural Abrasives  
Import and Export by Country  
Silicon Carbide Industry  
Abrasive Product Industry  
Coated Abrasives  
Bonded Abrasives  
Coated Abrasives  
Country Statistics  
Bonded Abrasives  
Country Statistics  
Company Statistics

## **CHAPTER 7 PATENT ANALYSIS**

Patent Analysis by Year  
Patent Analysis by Company  
Patent Analysis by Abrasive Type

## **CHAPTER 8 COMPANY PROFILES**

3M ABRASIVES SYSTEMS DIVISION  
Abrasives Financials  
ABRA BETA S.P.A  
ABRASIVE TECHNOLOGY INC.  
ALLIED HIGH TECH PRODUCTS INC.  
ALPEX WHEEL COMPANY  
ALTEO HOLDING  
ALUCHEM INC.  
ANCHOR ABRASIVES COMPANY  
ARC ABRASIVES INC.  
ASAHI DIAMOND INDUSTRIAL CO. LTD.  
Company Financials  
ATLANTIC GMBH

AUGUST RUGGEBERG GMBH & CO. KG  
BRUSH RESEARCH MANUFACTURING CO. INC.  
BUEHLER LTD.

CAMEL GRINDING WHEELS  
CARBORUNDUM UNIVERSAL LTD.  
CERATIZIT

Subsidiaries and Partnerships  
Products

DARMANN ABRASIVE PRODUCTS  
DEV GROUP  
DIAREX GROUP

DR. SCHULZE GMBH  
DYNABRADE INC.  
EHWA DIAMOND INDUSTRIAL CO. LTD.  
ELECTRO ABRASIVES CORP.

Partnerships

ELEMENT SIX S.A.  
ENGIS CORP.  
ERVIN INDUSTRIES INC.  
ESK-SIC GMBH

FARECLA PRODUCTS LIMITED  
FERRO CORP.  
FROHN GMBH

FUJIAN DUOLING STEEL GROUP  
FUJIMI INCORPORATED

Locations

Company Financials

HA-ILARDUYA  
HERMES SCHLEIFWERKZEUGE GMBH & CO. KG  
HUSQVARNA CONSTRUCTION PRODUCTS  
HYOSUNG D&P CO. LTD.

IMC GROUP OF COMPANIES  
IMERYS

Abrasive Business

Imerys Company Financials  
JASON INDUSTRIES INC.  
JSC LUGA ABRASIVE PLANT  
JUNKER GROUP  
KARBOSAN

KENNAMETAL INC.

Company Financials

KLAUS EICHE DIAMANTWERKZEUGE GMBH

KLINGSPOR ABRASIVES

KOWA ABRASIVES KK

LAPMASTER WOLTERS

Subsidiaries

Products

LECO CORP.

LOESER GMBH

MATCHLESS METAL POLISH CO.

MENZERNA POLISHING COMPOUNDS GMBH & CO. KG

METALLTECHNIK SCHMIDT GMBH & CO. KG

METALTEC STEEL ABRASIVE CO.

METLAB CORP.

MIRKA LTD.

NABALTEC AG

NAVARRO SIC SA

NORITAKE CO. LIMITED

Company Financials

OMAX CORP.

ORIENT ABRASIVES

PELLETS LLC

RHODIUS SCHLEIFWERKZEUGE GMBH & CO. KG

SAINT-GOBAIN ABRASIVES INC.

Brand Names

Company Financials

SAIT ABRASIVI S.P.A

SAL ABRASIVE TECHNOLOGIES GROUP

SANDVIK AB.

Financials

SIA ABRASIVES

Products and Markets

Financials

SIC PROCESSING GMBH

SINTOKOGIO

SL FUSCO

STARCKE GMBH & CO. KG

STARCKE USA

STRUERS INC.

SUNNEN PRODUCTS COMPANY

Locations

TBW INDUSTRIES INC.

TOOL SPECIALTY CO. (TOSCO)

TYROLIT SCHLEIFMITTELWERKE SWAROVSKI K.G.

VARGUS LTD.

VERMONT ABRASIVES INC.

VULKAN INOX GMBH

WASHINGTON MILLS

Company Locations

WEILER CORPORATION

WENDT INDIA

Financials

WHEELABRATOR GROUP

WORLDWIDE SUPERABRASIVES LLC

## List Of Tables

### LIST OF TABLES

Summary Table: Global Market for Abrasives, by Region, Through 2022

Table 1: Mohs Hardness Scale of Various Minerals

Table 2: Mohs Hardness List of Natural and Synthetic Materials

Table 3: Factors Affecting Abrasive

Table 4: Effect of Particle Size in Surface Finish of Processed Part

Table 5: Recommended Abrasives for Various Materials

Table 6: Recommended Superabrasives for Various Substrates

Table 7: Materials Used in Superabrasive Products

Table 8: Bond Types Used in Superabrasive Products

Table 9: Manufacturing Steps for Superabrasive Grinding Wheels

Table 10: Abrasive Tools and Applications

Table 11: Abrasive Materials for Various Blasting Applications

Table 12: Bonding Materials Used in Conventional Bonded Abrasives

Table 13: Steps in Conventional Bonded Wheel Manufacturing

Table 14: Typical Composition of a Coated Abrasive

Table 15: Typical Products in the Nonwoven Abrasives Product Category and Features

Table 16: Typical Abrasives Used in Polishing

Table 17: Parameters Affecting Properties of Polishing-Grade Alumina

Table 18: Abrasive Choices for the Honing of Various Materials

Table 19: Honing Process Applications, by Industry

Table 20: Selected U.S. Brush Manufactures

Table 21: Advanced Machining Processes

Table 22: Specific Energy Requirements for Machining of Various Materials

Table 23: Major Polishing Agent Components

Table 24: Global Nominal Gross Domestic Product, by Country, Through 2022

Table 25: Global Output Growth, by Country, 2017-2020

Table 26: Global Currency Forecasts, 2017 and 2018

Table 27: Global Fused Aluminum Oxide Production Capacity, by Country, 2014-2022

Table 28: Major Producers of Chemical and Calcined Alumina

Table 29: Global PV Installations, Through 2022

Table 30: Global Crude Silicon Carbide Production Capacity, by Country, 2014-2022

Table 31: Global Industrial-grade Natural Diamond Production, by Country, 2014-2016

Table 32: Global Synthetic Diamond Market, Through 2022

Table 33: Major Players in the Metallic Abrasive Market, 2016

Table 34: Major Players in the Cutting Tool Industry, 2016



- Table 35: Global Imports of Natural Abrasives, by Country, 2012-2016
- Table 36: Global Exports of Natural Abrasives, by Country, 2012-2016
- Table 37: Global Imports of Natural or Artificial Abrasive Powder or Grain on Any Base, by Country, 2012-2016
- Table 38: Global Exports of Natural or Artificial Abrasive Powder or Grain on Any Base, by Country, 2012-2016
- Table 39: Global Imports of Grinding Stones and Wheels, by Country, 2012-2016
- Table 40: Global Exports of Grinding Stones and Wheels, by Country, 2012-2016
- Table 41: U.S. Fused Aluminum Oxide Market, Through 2022
- Table 42: U.S. Market for Crude and Refined Aluminum Oxide, Through 2022
- Table 43: U.S. Market for Crude and Refined Aluminum Oxide, Through 2022
- Table 44: U.S. Market for Fused Alumina, Through 2022
- Table 45: U.S. Silicon Carbide Market, Through 2022
- Table 46: U.S. Market for Silicon Carbide, Through 2022
- Table 47: U.S. Diamond Grit, Dust and Powder Market, Through 2022
- Table 48: U.S. Cubic Boron Nitride Market, Through 2022
- Table 49: U.S. Natural Abrasives Market, Through 2022
- Table 50: U.S. Metallic Abrasive Production, Through 2022
- Table 51: U.S. Metallic Abrasive Market, Through 2022
- Table 52: U.S. Metallic Abrasive Market, Through 2022
- Table 53: U.S. Abrasive Industry Companies, by Employee Count, 2012-2015
- Table 54: U.S. Abrasive Product Industry, by Establishment Type, 2015
- Table 55: U.S. Abrasive Industry Employee Count, by Establishment Type, 2015
- Table 56: U.S. Abrasive Industry, by Employee Count, 2007-2015
- Table 57: U.S. Abrasive Industry Employee Costs, 2009-2015
- Table 58: U.S. Abrasive Industry Raw Material Cost, Value Addition and Total Value of Shipments, 2009-2015
- Table 59: European Natural Abrasive Market, by Volume, Through 2022
- Table 60: European Natural Abrasives Market, Through 2022
- Table 61: European Natural Abrasives Exports, by Country, 2011-2016
- Table 62: European Natural Abrasive Imports, by Country, 2011-2016
- Table 63: Silicon Carbide Imports into European Union Countries, 2012-2016
- Table 64: European Union Imports of Silicon Carbide, 2012-2016
- Table 65: Top Exporter Countries for Silicon Carbide Outside the European Union, 2012-2016
- Table 66: Intra-European Union Imports of Silicon Carbide, by Country, 2012-2016
- Table 67: Top Silicon Carbide Exporter Countries Outside the European Union, 2012-2016
- Table 68: Intra-European Union Imports of Silicon Carbide, by Country of Origin,

2012-2016

Table 69: Imported Silicon Carbide Prices to Europe, by Country or Origin, 2012-2016

Table 70: European Union Exports of Silicon Carbide, by Country, 2012-2016

Table 71: European Union Exports of Silicon Carbide, by Country, 2012-2016

Table 72: Top Non-European Union Countries to Which the European Union Exports Silicon Carbide, 2012-2016

Table 73: Intra-European Union Exports of Silicon Carbide, by Country, 2012-2016

Table 74: Top Non-European Union Countries to Which the European Union Exports Silicon Carbide, 2012-2016

Table 75: Intra-European Union Exports of Silicon Carbide, by Country, 2012-2016

Table 76: Exported Silicon Carbide from Europe, by Buyer Country, 2012-2016

Table 77: European Abrasive Product Market, Through 2022

Table 78: European Market for Natural or Artificial Abrasive Powder or Grain on a Base of Woven Textile Fabric, Through 2022

Table 79: European Market for Natural or Artificial Abrasive Powder or Grain on a Paper or Paperboard Base, Through 2022

Table 80: European Market for Natural or Artificial Abrasive Powder or Grain, All Other Products, Through 2022

Table 81: European Coated Abrasive Product Market, Through 2022

Table 82: European Imports of Natural or Artificial Abrasive Powder or Grain on any Base, by Country, 2012-2016

Table 83: European Exports of Natural or Artificial Abrasive Powder or Grain on any Base, by Country, 2012-2016

Table 84: European Market for Diamond Millstones, Grindstones and Grinding Wheels Without Frame Works, Through 2022

Table 85: European Market for Reinforced Resin Bonded Millstones, Grindstones and Grinding Wheels Without Frame Works, Through 2022

Table 86: European Market for Non-Reinforced Resin-Bonded Millstones, Grindstones and Grinding Wheels Without Frame Works, Through 2022

Table 87: European Market for Ceramic or Silicate Millstones, Grindstones and Grinding Wheels Without Frame Works, Through 2022

Table 88: European Market for Other Millstones, Grindstones and Grinding Wheels Without Frame Works, Through 2022

Table 89: European Bonded Abrasive Product Market, Through 2022

Table 90: European Abrasive Product Market, Through 2022

Table 91: European Imports of Grinding Stones and Wheels, by Country, 2012-2016

Table 92: European Exports of Grinding Stones and Wheels, by Country, 2012-2016

Table 93: Enterprises in the European Abrasive Market, by Country, 2010-2014

Table 94: Full-Time Equivalent Employee Count in the European Abrasive Industry, by

Country, 2010-2014

Table 95: Average Employee Count in the European Abrasive Industry by Country, 2014

Table 96: Total Turnover in the European Abrasive Industry, by Country, 2010-2014

Table 97: Total Production Market in the European Abrasive Industry, by Country, 2010-2014

Table 98: Share of Personnel Costs in Production in the European Abrasive Industry, by Country, 2010-2014

Table 99: Abrasive Technology Patents, by Company, 1976-2017

Table 100: Abrasive Type as Mentioned in the Patent Claims, 1976-2017

Table 101: Asahi Diamond's Annual Revenues, by Region, 2013-2017

Table 102: Asahi Diamond's Annual Revenues, by Segment, 2013-2017

Table 103: Fujimi Products, Brands and Applications

Table 104: Fujimi Inc.'s Revenue, Net Income and Employee Count, 2013-2017

Table 105: Fujimi Inc.'s Revenues by Segment, 2013-2017

Table 106: Fujimi Inc.'s Revenues by Region, 2013-2017

Table 107: Imerys Manufacturing Sites, by Product

Table 108: Noritake's Revenue and Net Income for the Industrial Product Segment, 2012-2017

Table 109: Saint-Gobain's Global Brand Names

Table 110: Saint-Gobain's Abrasives Sales in Europe, by Country, 2012-2016

Table 111: Saint-Gobain's Abrasives Sales in the Americas, by Country, 2012-2016

Table 112: Saint-Gobain's Abrasives Sales in Asia-Pacific and Far East, by Country, 2012-2016

## List Of Figures

### LIST OF FIGURES

Summary Figure: Global Market for Abrasives, by Region, 2016-2022

Figure 1: Abrasives Tools and Applications

Figure 2: Global Gross Domestic Product, by Country, 2016

Figure 3: Estimates for Global Gross Domestic Product Growth, by Country, 2018-2020

Figure 4: Global Fused Aluminum Oxide Production Capacity, by Country, 2014-2022

Figure 5: Global PV Installations, 2014-2022

Figure 6: Global Crude Silicon Carbide Production Capacity, by Country, 2014-2022

Figure 7: Global Industrial-grade Natural Diamond Production, 2014-2016

Figure 8: Global Industrial-Grade Natural Diamond Production, by Country, 2014-2016

Figure 9: Global Synthetic Diamond Production, 2012-2022

Figure 10: Global Synthetic Diamond Market, 2012-2022

Figure 11: U.S. Fused Aluminum Oxide Market, 2015-2022

Figure 12: U.S. Market for Crude and Refined Aluminum Oxide, 2015-2022

Figure 13: U.S. Market for Crude Fused Aluminum Oxide, by Country, 2012-2015

Figure 14: U.S. Market for Fused Aluminum Oxide Grains, by Country, 2012-2015

Figure 15: U.S. Market for Crude and Refined Aluminum Oxide, 2015-2022

Figure 16: U.S. Market for Fused Alumina, 2013-2022

Figure 17: U.S. Silicon Carbide Market, 2013-2022

Figure 18: U.S. Crude SiC Imports by Country, 2012-2015

Figure 19: U.S. SiC Grains Imports, by Country, 2012-2015

Figure 20: U.S. Market for Silicon Carbide, 2013-2022

Figure 21: U.S. Diamond Grit, Dust and Powder Market, 2015-2022

Figure 22: U.S. Diamond Powder Import Prices, 2011-2022

Figure 23: U.S. Diamond Powder Market, 2011-2022

Figure 24: U.S. Diamond Powder Market, by Country, 2012-2015

Figure 25: U.S. Cubic Boron Nitride Market, 2015-2022

Figure 26: U.S. Consumption for Long-Term Natural Abrasives, 1900-2022

Figure 27: U.S. Prices for Long-term Natural Abrasives, 1900-2022

Figure 28: U.S. Natural Abrasives Market, 2014-2022

Figure 29: U.S. Metallic Abrasive Production, 2014-2022

Figure 30: U.S. Metallic Abrasive Market, 2014-2022

Figure 31: U.S. Metallic Abrasive Market, 2014-2022

Figure 32: U.S. Abrasive Industry Companies, by Employee Count, 2012-2015

Figure 33: U.S. Abrasive Industry, by Employee Count, 2007-2015

Figure 34: U.S. Abrasive Industry Employee Costs, 2009-2015

Figure 35: U.S. Abrasive Industry Raw Material Cost, Value Addition and Total Value of Shipments, 2009-2015

Figure 36: European Natural Abrasive Market, by Volume, 2011-2022

Figure 37: European Natural Abrasives Market, 2011-2022

Figure 38: Top European Exporting Countries for Natural Abrasives, 2011-2016

Figure 39: Top European Natural Abrasive Importing Countries, 2011-2016

Figure 40: Silicon Carbide Imports into European Union Countries, 2012-2016

Figure 41: European Union Imports of Silicon Carbide, 2012-2016

Figure 42: Top Exporter Countries for Silicon Carbide Outside the European Union, 2012-2016

Figure 43: Intra-European Union Imports of Silicon Carbide, by Country, 2012-2016

Figure 44: Top Silicon Carbide Exporter Countries Outside the European Union, 2012-2016

Figure 45: Intra-European Union Imports of Silicon Carbide, by Country or Origin, 2012-2016

Figure 46: Imported Silicon Carbide Prices to Europe, by Country of Origin, 2016

Figure 47: European Union Exports of Silicon Carbide, by Country, 2012-2016

Figure 48: European Union Exports of Silicon Carbide, by Country, 2012-2016

Figure 49: Top Non-European Union Countries to Which the European Union Exports Silicon Carbide, 2012-2016

Figure 50: Intra-European Union Exports of Silicon Carbide, by Country, 2012-2016

Figure 51: Top Non-European Union Countries to Which the European Union Exports Silicon Carbide, 2012-2016

Figure 52: Intra-European Union Exports of Silicon Carbide, by Country, 2012-2016

Figure 53: Exported Silicon Carbide from Europe, by Buyer Country, 2016

Figure 54: European Abrasive Product Market, 2014-2022

Figure 55: European Abrasive Product Market Segmentation

Figure 56: European Coated Abrasive Products by Segment, 2016

Figure 57: Bonded Abrasive Products in Europe by Segment, 2016

Figure 58: European Market for Natural or Artificial Abrasive Powder or Grain on a Base of Woven Textile Fabric, 2014-2022

Figure 59: European Market for Natural or Artificial Abrasive Powder or Grain on a Paper or Paperboard Base, 2014-2022

Figure 60: European Market for Natural or Artificial Abrasive Powder or Grain, All Other Products, 2014-2022

Figure 61: European Coated Abrasive Product Market, 2014-2022

Figure 62: European Market for Diamond Millstones, Grindstones and Grinding Wheels Without Frame Works, 2014-2022

Figure 63: European Market for Reinforced Resin-Bonded Millstones, Grindstones and



Grinding Wheels Without Frame Works, 2014-2022

Figure 64: European Market for Non-Reinforced Resin-Bonded Millstones, Grindstones and Grinding Wheels Without Frame Works, 2014-2022

Figure 65: European Market for Ceramic or Silicate Millstones, Grindstones and Grinding Wheels Without Frame Works, 2014-2022

Figure 66: European Market for Other Millstones, Grindstones and Grinding Wheels Without Frame Works, 2014-2022

Figure 67: European Bonded Abrasive Product Market, 2014-2022

Figure 68: European Abrasive Product Market, 2014-2022

Figure 69: Enterprises in the European Abrasive Market, by Country, 2010-2014

Figure 70: Full-Time Equivalent Employee Count in the European Abrasive Industry, by Country, 2010-2014

Figure 71: Average Employee Count in the European Abrasive Industry, by Country, 2014

Figure 72: U.S. Patents Issued for Abrasive Technologies, by Search Method, 1976-2017

Figure 73: U.S. Patents Issued for Abrasive Technologies, by Year, 1976-2017

Figure 74: U.S. Patents Issued for Abrasive Technologies by Company, 1976-2017

Figure 75: U.S. Patents Based on the Abrasive Type Mentioned in the Patent Claims, 1976-2017

Figure 76: Abrasive Patents for Oxides, Carbides and Nitrides, 1976-2017

Figure 77: Asahi Diamond's Annual Revenues, 2013-2017

Figure 78: Asahi Diamond's Annual Revenues, by Region, 2013-2017

Figure 79: Asahi Diamond's Annual Revenues, by Segment, 2013-2017

Figure 80: EHWA Diamond Annual Revenues, 2012-2016

Figure 81: Ferro's Pigments, Powders and Oxides Segment, 2012-2016

Figure 82: Fujimi Inc.'s Revenue, 2013-2017

Figure 83: Fujimi Inc.'s Revenues by Segment, 2013-2017

Figure 84: Fujimi Inc.'s Revenues by Region, 2013-2017

Figure 85: Husqvarma Construction Segment Revenues, by Region, 2012-2016

Figure 86: Imerys' Revenues for the Fused Mineral Segment, 2013-2016

Figure 87: Jason's Finishing Revenues, by Segment, 2013-2016

Figure 88: Kennametal's Revenues, by Segment, 2012-2016

Figure 89: Mirka's Abrasives Revenues, 2011-2016

Figure 90: Nabaltec's Revenues for the Technical Ceramics Division, 2011-2016

Figure 91: Noritake's Revenues for the Industrial Product Segment, 2012-2017

Figure 92: Noritake Company Revenues for the Industrial Segment, by Product, 2012-2017

Figure 93: Orient Abrasives' Revenues, by Product, 2012-2016

- Figure 94: Saint-Gobain's Global Abrasives Revenues, by Region, 2012-2016
- Figure 95: Saint-Gobain's Abrasives Sales in Europe, by Country, 2012-2016
- Figure 96: Saint-Gobain's Abrasives Sales in the Americas, by Country, 2012-2016
- Figure 97: Saint-Gobain's Abrasives Sales in Asia and Far East, by Country, 2012-2016
- Figure 98: Sandvik's Machining Solutions Segment Market, 2012-2016
- Figure 99: Sandvik's Machining Segment Market, by Application, 2016
- Figure 100: Sandvik's Machining Segment Market, by Region, 2016
- Figure 101: SIA Abrasives' Market, by Select Countries, 2016
- Figure 102: Sintokogio's Surface Treatment Segment Market, 2012-2016
- Figure 103: Wendt India's Market, Domestic and Foreign, 2012-2016
- Figure 104: Wendt India's Market, by Product Segment, 2012-2016

## I would like to order

Product name: Abrasive Materials, Products, Applications and Global Markets

Product link: <https://marketpublishers.com/r/AA59B2ED17AEN.html>

Price: US\$ 1,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/AA59B2ED17AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970