

Technical Ceramics: Global Markets to 2022

<https://marketpublishers.com/r/T3196ACFD6EEN.html>

Date: March 2018

Pages: 100

Price: US\$ 1,375.00 (Single User License)

ID: T3196ACFD6EEN

Abstracts

Report Scope:

This report is an overview of the global market for technical ceramics and an analysis of global market trends, with data from 2015, considering the base year of 2016 and estimates for 2017 through 2022 with projected CAGR for the forecast duration.

This report includes discussion of technological, regulatory and economic trends that are affecting the market. Further, it explains the major drivers and regional dynamics of the global technical ceramics market and current trends within the industry.

In this report, the market has been segmented based on material type, end-use industry and region.

Materials are classified into three categories: oxides, non-oxides and composites. Further, types are classified as monolithic ceramics, ceramic matrix composites, coatings and others. End-use industries are energy and power, electronics and semiconductors, automotive, medical, aerospace and defense, and others. Regions addressed in the report are Asia-Pacific, North America, Europe, South America, the Middle East, and Africa.

The report concludes with a special section on the major vendors in the global technical ceramics market.

Report Includes:

70 data tables and 20 additional tables

An overview of the global market for technical-ceramics.

Analyses of global market trends, with data from 2016 and 2017, and projections of compound annual growth rates (CAGRs) through 2022

Analysis of the market by technology, application, and region

An outline of the present state of applications of technical-ceramics

Descriptions of trends in price and price-performance and other factors, including demand in the market

Profiles of key companies in the market, including Bakony Technical Ceramics, Dyson Technical Ceramics, ETI Group, Morgan Advanced Materials and Saint Global Ceramics Materials

Contents

CHAPTER 1 INTRODUCTION

Market Definition
Study and Objectives
Scope of the Report
Intended Audience
Methodology and Information Sources
Geographic Breakdown
Analyst's Credentials
Related BCC Research Reports

CHAPTER 2 SUMMARY AND HIGHLIGHTS

CHAPTER 3 MARKET OVERVIEW

Introduction
Supply Chain
Market Dynamics
Drivers
Growth of Technical Ceramics Due to Superior Properties
Reduction in Production Cost in End-Use Industry: Deploying Technical Ceramics in High Temperature Applications
High Demand from Medical End-Use Industry
Restraints
Higher Price in Comparison to Other Metals and Alloys
High Customization Requirement of End-Use Industries
Opportunities
Incorporation of Low-Cost Production Technologies
Growth of Nanotechnology
Challenges
Slower Adoption of Technical Ceramics in New and Low-Cost Applications
Recyclability and Reparability Issues

CHAPTER 4 MARKET BREAKDOWN BY MATERIAL

Introduction
Oxide Ceramics

Alumina Ceramics
Titanate Ceramics
Zirconia Ceramics
Non-Oxide Ceramics
Alumina Nitride
Silicon Nitride

CHAPTER 5 MARKET BREAKDOWN BY TYPE

Overview
Monolithic Ceramics
Ceramic Matrix Composites
Short Fiber Composites
Long Fiber Composites
Ceramic Coatings

CHAPTER 6 MARKET BREAKDOWN BY END-USE INDUSTRY

Electronics and Semiconductors
Automotive
Energy and Power
Medical
Aerospace and Defense
Industrial

CHAPTER 7 MARKET BREAKDOWN BY REGION

Overview
North America
North American Technical Ceramics Market Overview
Asia-Pacific Technical Ceramics Market Overview
Europe
European Technical Ceramics Market Overview
South America
South American Technical Ceramics Market Overview
Middle East and Africa
Middle East and African Technical Ceramics Market Overview

CHAPTER 8 COMPETITIVE LANDSCAPE

Industry Structure and Overview
Market Ranking of Top 10 Companies
News Pertaining to Technical Ceramics Market

CHAPTER 9 COMPANY PROFILES

Adtech Ceramics Co.
Business Overview
Product Portfolio
Bakony Technical Ceramics
Business Overview
Product Portfolio
Segment Information
Ceradyne, Inc.
Business Overview
Product Portfolio
Segment Information
Ceramtec Gmbh
Business Overview
Product Portfolio
Segment Information
Coorstek, Inc.
Business Overview
Product Portfolio
Segment Information
Dyson Technical Ceramics
Business Overview
Product Portfolio
Eti Group
Business Overview
Product Portfolio
Segment Information
Graftech International Holdings, Inc.
Business Overview
Product Portfolio
Financial Performance
Segment Information
Geographic Analysis

Kyocera Corp.

Business Overview

Product Portfolio

Financial Performance

Segment Information

Semiconductor Parts Group

Applied Ceramic Products Group

Electronic Device Group

Telecommunications Equipment Group

Information Equipment Group

Others

Geographic analysis

Mantec Technical Ceramics

Business Overview

Product Portfolio

Mcdanel Advanced Ceramic Technologies, LLC.

Business Overview

Product Portfolio

Morgan Advanced Materials

Business Overview

Product Portfolio

Financial Performance

Segment Information

Geographic Analysis

Murata Manufacturing Co. Ltd.

Business Overview

Product Portfolio

Financial performance

Segment Information

Geographic Analysis

Ntk Technical Ceramics (Ngk Spark Plug Co., Ltd)

Business Overview

Product Portfolio

Financial performance

Segment Information

Geographic analysis

Rauschert Steinbach GmbH

Business Overview

Product Portfolio

Saint Gobain Ceramic Materials
Business Overview
Product Portfolio
Financial Performance
Segment Information
Geographic Analysis
Stc Superior Technical Ceramics
Business Overview
Product Portfolio
Small Precision Tools
Business Overview
Product Portfolio

CHAPTER 10 APPENDIX: LIST OF ABBREVIATIONS

List Of Tables

LIST OF TABLES

Summary Table A: Global Technical Ceramics Market by Region through 2022

Summary Table B: Global Technical Ceramics Market Volume by Region through 2022

Table 1: Global Market for Technical Ceramics by Material through 2022

Table 2: Global Market Volume for Technical Ceramics by Material through 2022

Table 3: Global Oxides Market for Technical Ceramics by Region through 2022

Table 4: Global Oxides Market Volume for Technical Ceramics by Region through 2022

Table 5: Global Non-Oxides Market for Technical Ceramics by Region through 2022

Table 6: Global Non-Oxides Market Volume for Technical Ceramics by Region through 2022

Table 7: Global Market for Technical Ceramics by Type through 2022

Table 8: Global Market Volume for Technical Ceramics by Type through 2022

Table 9: Global Monolithic Market for Technical Ceramics by Region through 2022

Table 10: Global Monolithic Market Volume for Technical Ceramics by Region through 2022

Table 11: Global Ceramic Matrix Composites Market for Technical Ceramics by Region through 2022

Table 12: Global Ceramic Matrix Composites Market Volume for Technical Ceramics by Region through 2022

Table 13: Global Ceramic Coatings Market for Technical Ceramics by Region through 2022

Table 14: Global Ceramic Coatings Market Volume for Technical Ceramics by Region through 2022

Table 15: Global Market for Technical Ceramics by End-Use Industry through 2022

Table 16: Global Market Volume for Technical Ceramics by End-Use Industry through 2022

Table 17: Global Electronics and Semiconductors Market for Technical Ceramics by Region through 2022

Table 18: Global Electronics and Semiconductors Market Volume for Technical Ceramics by Region through 2022

Table 19: Global Automotive Market for Technical Ceramics by Region through 2022

Table 20: Global Automotive Market Volume for Technical Ceramics by Region through 2022

Table 21: Global Energy and Power Market for Technical Ceramics by Region through 2022

Table 22: Global Energy and Power Market Volume for Technical Ceramics by Region

through 2022

Table 23: Global Medical Market for Technical Ceramics by Region through 2022

Table 24: Global Medical Market Volume for Technical Ceramics by Region through 2022

Table 25: Global Aerospace and Defense Market for Technical Ceramics by Region through 2022

Table 26: Global Aerospace and Defense Market Volume for Technical Ceramics by Region through 2022

Table 27: Global Industrial Market for Technical Ceramics by Region through 2022

Table 28: Global Industrial Market Volume for Technical Ceramics by Region through 2022

Table 29: Global Market Volume for Technical Ceramics by Region through 2022

Table 30: Global Market for Technical Ceramics by Region through 2022

Table 31: North America Technical Ceramics Market Volume by Country through 2022

Table 32: North America Technical Ceramics Market by Country through 2022

Table 33: North America Technical Ceramics Market Volume by Material through 2022

Table 34: North America Technical Ceramics Market by Material through 2022

Table 35: North America Technical Ceramics Market Volume by Type through 2022

Table 36: North America Technical Ceramics Market by Type through 2022

Table 37: North America Technical Ceramics Market Volume by End-Use Industry through 2022

Table 38: North America Technical Ceramics Market by End-Use Industry through 2022

Table 39: Asia-Pacific Technical Ceramics Market Volume by Country through 2022

Table 40: Asia-Pacific Technical Ceramics Market by Country through 2022

Table 41: Asia-Pacific Technical Ceramics Market Volume by Material through 2022

Table 42: Asia-Pacific Technical Ceramics Market by Material through 2022

Table 43: Asia-Pacific Technical Ceramics Market Volume by Type through 2022

Table 44: Asia-Pacific Technical Ceramics Market by Type through 2022

Table 45: Asia-Pacific Technical Ceramics Market Volume by End-Use Industry through 2022

Table 46: Asia-Pacific Technical Ceramics Market by End-Use Industry through 2022

Table 47: European Technical Ceramics Market Volume by Country through 2022

Table 48: European Technical Ceramics Market by Country through 2022

Table 49: European Technical Ceramics Market by Material through 2022

Table 50: European Technical Ceramics Market Volume by Type through 2022

Table 51: European Technical Ceramics Market by Type through 2022

Table 52: European Technical Ceramics Market Volume by End-Use Industry through 2022

Table 53: European Technical Ceramics Market by End-Use Industry through 2022

Table 54: European Technical Ceramics Market Volume by End-Use Industry through 2022

Table 55: South American Technical Ceramics Market Volume by Country through 2022

Table 56: South American Technical Ceramics Market by Country through 2022

Table 57: South American Technical Ceramics Market Volume by Material through 2022

Table 58: South American Technical Ceramics Market by Material through 2022

Table 59: South American Technical Ceramics Market Volume by Type through 2022

Table 60: South American Technical Ceramics Market by Type through 2022

Table 61: South American Technical Ceramics Market Volume by End-Use Industry through 2022

Table 62: South American Technical Ceramics Market by End-Use Industry through 2022

Table 63: Middle East and African Technical Ceramics Market Volume by Country through 2022

Table 64: Middle East and African Technical Ceramics Market by Country through 2022

Table 65: Middle East and Africa Technical Ceramics Market Volume by Material through 2022

Table 66: Middle East and African Technical Ceramics Market by Material through 2022

Table 67: Middle East and African Technical Ceramics Market Volume by Type through 2022

Table 68: Middle East and African Technical Ceramics Market by Type through 2022

Table 69: Middle East and African Technical Ceramics Market by End-Use Industry through 2022

Table 70: Middle East and African Technical Ceramics Market by End-Use Industry through 2022

Table 71: Market Ranking of Top 10 Companies

Table 72: News Pertaining to Technical Ceramics Market

Table 73: Adtech Ceramics Products

Table 74: Bakony Technical Ceramics, Ltd. Products

Table 75: Ceradyne, Inc. Products

Table 76: Ceramtec GmbH Products

Table 77: Coorstek, Inc. Products

Table 78: Products: Dyson Technical Ceramics, Limited Products

Table 79: ETI Group Products

Table 80: Graftech International Holdings, Inc. Products

Table 81: Kyocera Corp. Products

Table 82: Mantec Group, Ltd. Products

Table 83: McDanel Advanced Ceramic Technologies Products

Table 84: Morgan Advanced Materials Products

Table 85: Murata Manufacturing Co., Ltd. Products

Table 86: NTK Technical Ceramics Products

Table 87: Rauschert Steinbach Gmbh Products

Table 88: Saint-Gobain Ceramic Materials Products

Table 89: Stc Superior Technical Ceramics Products

Table 90: Small Precision Tools Products

List Of Figures

LIST OF FIGURES

Summary Figure A: Global Technical Ceramics Market by Region, 2016-2022

Summary Figure B: Global Technical Ceramics Market Share by Region, 2016

Figure 1: Technical Ceramics Market: Supply Chain Analysis

Figure 2: Technical Ceramics Market: Market Dynamics

Figure 3: Global Market Share for Technical Ceramics by Material, 2016

Figure 4: Global Oxides Market for Technical Ceramics by Region, 2016-2022

Figure 5: Global Non-Oxides Market for Technical Ceramics by Region, 2016-2022

Figure 6: Technical Ceramics Types

Figure 7: Global Technical Ceramics Market by Type, 2016-2022

Figure 8: Global Monolithic Volume for Technical Ceramics Market by Region, 2016

Figure 9: Global Monolithic Market for Technical Ceramics by Region, 2016-2022

Figure 10: Global Ceramic Matrix Composites Volume for Technical Ceramics by Region 2016

Figure 11: Global Ceramic Matrix Composites for Technical Ceramics Market by Region, 2016-2022

Figure 12: Global Ceramic Coatings Volume for Technical Ceramics by Region, 2016

Figure 13: Global Ceramic Coatings Market for Technical Ceramics by Region, 2016-2022

Figure 14: Global Market for Technical Ceramics by End-Use Industry, 2016-2022

Figure 15: Global Electronics and Semiconductors Market for Technical Ceramics by Region, 2016 - 2022

Figure 16: Global Automotive Market for Technical Ceramics by Region, 2016 - 2022

Figure 17: Global Energy and Power Market for Technical Ceramics by Region, 2016-2022

Figure 18: Global Medical Market for Technical Ceramics by Region, 2016-2022

Figure 19: Global Medical Market Volume for Technical Ceramics by Region, 2016

Figure 20: Global Aerospace and Defense Market for Technical Ceramics by Region, 2016-2022

Figure 21: Global Aerospace and Defense Market Volume for Technical Ceramics by Region, 2016

Figure 22: Global Industrial Market for Technical Ceramics by Region, 2016 - 2022

Figure 23: Global Industrial Market Volume for Technical Ceramics by Region, 2016

Figure 24: Global Market Share for Technical Ceramics by Region, 2016

Figure 25: Global Market for Technical Ceramics by Region, 2016 - 2022

Figure 26: Ceramtec Gmbh Revenue, 2014-2016

Figure 27: Ceramtec Gmbh Performance Share, by Segment 2016

Figure 28: Graftech International Holdings, Inc. Revenue, 2014-2016

Figure 29: Graftech International Holdings, Inc. Performance Share by Segment, 2016

Figure 30: Graftech International Holdings, Inc. Performance Share by Region, 2016

Figure 31: Kyocera Corp. Revenue, 2014-2016

Figure 32: Kyocera Corp Market Performance Share by Segment, 2016

Figure 33: Kyocera Corporation Sales by Region, 2016

Figure 34: Morgan Advanced Materials Plc. Revenue, 2014-2016

Figure 35: Morgan Advanced Materials Plc Performance Share by Segment, 2016

Figure 36: Murata Manufacturing Co., Ltd. Revenue, 2014-2016

Figure 37: Murata Manufacturing Co., Ltd. Performance Share by Segment, 2016

Figure 38: Murata Manufacturing Co., Ltd. Performance Share by Region, 2016

Figure 39: NTK Technical Ceramics Revenue, 2014-2016

Figure 40: NTK Technical Ceramics Performance Share by Segment, 2016

Figure 41: NTK Technical Ceramics Performance Share by Region, 2016

Figure 42: Saint-Gobain Ceramic Materials Revenue, 2014-2016

Figure 43: Saint Gobain Ceramics Materials Performance Share by Region, 2016

I would like to order

Product name: Technical Ceramics: Global Markets to 2022

Product link: <https://marketpublishers.com/r/T3196ACFD6EEN.html>

Price: US\$ 1,375.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/T3196ACFD6EEN.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