In 2019, the market size of Functional Ceramic Inks is million US$ and it will reach million US$ in 2025, growing at a CAGR of from 2019; while in China, the market size is valued at xx million US$ and will increase to xx million US$ in 2025, with a CAGR of xx% during forecast period.

In this report, 2018 has been considered as the base year and 2019 to 2025 as the forecast period to estimate the market size for Functional Ceramic Inks.

This report studies the global market size of Functional Ceramic Inks, especially focuses on the key regions like United States, European Union, China, and other regions (Japan, Korea, India and Southeast Asia).

This study presents the Functional Ceramic Inks production, revenue, market share and growth rate for each key company, and also covers the breakdown data (production, consumption, revenue and market share) by regions, type and applications. history breakdown data from 2014 to 2019, and forecast to 2025.

For top companies in United States, European Union and China, this report investigates and analyzes the production, value, price, market share and growth rate for the top manufacturers, key data from 2014 to 2019.

In global market, the following companies are covered:
- Ferro Corporation
- Torrecid Group
- Colorobbia Holding S.P.A
- Esmalglass - Itaca Group
- Fritta
- Zschimmer & Schwarz
- Sicer S.P.A.
- KAO Chimigraf
- SUN Chemical
- Tecglass
- Market Segment by Product Type
  - For Analog Printing
  - For Digital Printing
- Market Segment by Application
  - Ceramic Tiles
  - Glass Printing
  - Food Container Printing
  - Others

Key Regions split in this report: breakdown data for each region.
- United States
- China
- European Union
- Rest of World (Japan, Korea, India and Southeast Asia)

The study objectives are:
- To analyze and research the Functional Ceramic Inks status and future forecast in United States, European Union and China, involving sales, value (revenue), growth rate (CAGR), market share, historical and forecast.
- To present the key Functional Ceramic Inks manufacturers, presenting the sales, revenue, market share, and recent development for key players.
- To split the breakdown data by regions, type, companies and applications
- To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints and risks.
- To identify significant trends, drivers, influence factors in global and regions
- To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

In this study, the years considered to estimate the market size of Functional Ceramic Inks are as follows:
- History Year: 2014-2018
- Base Year: 2018
- Estimated Year: 2019
- Forecast Year 2019 to 2025
2 Global Growth Trends

- 2.1 Production and Capacity Analysis
  - 2.1.1 Global Functional Ceramic Inks Production Value 2014-2025
  - 2.1.2 Global Functional Ceramic Inks Production 2014-2025
  - 2.1.3 Global Functional Ceramic Inks Capacity 2014-2025
  - 2.1.4 Global Functional Ceramic Inks Marketing Pricing and Trends
- 2.2 Key Producers Growth Rate (CAGR) 2019-2025
  - 2.2.1 Global Functional Ceramic Inks Market Size CAGR of Key Regions
  - 2.2.2 Global Functional Ceramic Inks Market Share of Key Regions
- 2.3 Industry Trends
  - 2.3.1 Market Top Trends
  - 2.3.2 Market Drivers

3 Market Share by Manufacturers

- 3.1 Capacity and Production by Manufacturers
  - 3.1.1 Global Functional Ceramic Inks Capacity by Manufacturers
  - 3.1.2 Global Functional Ceramic Inks Production by Manufacturers
- 3.2 Revenue by Manufacturers
  - 3.2.1 Functional Ceramic Inks Revenue by Manufacturers (2014-2019)
  - 3.2.2 Functional Ceramic Inks Revenue Share by Manufacturers (2014-2019)
  - 3.2.3 Global Functional Ceramic Inks Market Concentration Ratio (CR5 and HHI)
- 3.3 Functional Ceramic Inks Price by Manufacturers
- 3.4 Key Manufacturers Functional Ceramic Inks Plants/Factories Distribution and Area Served
- 3.5 Date of Key Manufacturers Enter into Functional Ceramic Inks Market
- 3.6 Key Manufacturers Functional Ceramic Inks Product Offered
- 3.7 Mergers & Acquisitions, Expansion Plans

4 Market Size by Type

- 4.1 Production and Production Value for Each Type
  - 4.1.1 For Analog Printing Production and Production Value (2014-2019)
  - 4.1.2 For Digital Printing Production and Production Value (2014-2019)
- 4.2 Global Functional Ceramic Inks Production Market Share by Type
- 4.3 Global Functional Ceramic Inks Production Value Market Share by Type
- 4.4 Functional Ceramic Inks Ex-factory Price by Type

5 Market Size by Application

- 5.1 Overview
- 5.2 Global Functional Ceramic Inks Consumption by Application

6 Production by Regions

- 6.1 Global Functional Ceramic Inks Production (History Data) by Regions 2014-2019
- 6.2 Global Functional Ceramic Inks Production Value (History Data) by Regions
- 6.3 United States
  - 6.3.1 United States Functional Ceramic Inks Production Growth Rate 2014-2019
  - 6.3.2 United States Functional Ceramic Inks Production Value Growth Rate 2014-2019
  - 6.3.3 Key Players in United States
  - 6.3.4 United States Functional Ceramic Inks Import & Export
- 6.4 European Union
  - 6.4.1 European Union Functional Ceramic Inks Production Growth Rate 2014-2019
  - 6.4.2 European Union Functional Ceramic Inks Production Value Growth Rate 2014-2019
  - 6.4.3 Key Players in European Union
  - 6.4.4 European Union Functional Ceramic Inks Import & Export
- 6.5 China
  - 6.5.1 China Functional Ceramic Inks Production Growth Rate 2014-2019
  - 6.5.2 China Functional Ceramic Inks Production Value Growth Rate 2014-2019
  - 6.5.3 Key Players in China
  - 6.5.4 China Functional Ceramic Inks Import & Export
- 6.6 Rest of World
  - 6.6.1 Japan
  - 6.6.2 Korea
  - 6.6.3 India
  - 6.6.4 Southeast Asia

7 Functional Ceramic Inks Consumption by Regions

- 7.1 Global Functional Ceramic Inks Consumption (History Data) by Regions
- 7.2 United States
  - 7.2.1 United States Functional Ceramic Inks Consumption by Type
  - 7.2.2 United States Functional Ceramic Inks Consumption by Application
- 7.3 European Union
  - 7.3.1 European Union Functional Ceramic Inks Consumption by Type
  - 7.3.2 European Union Functional Ceramic Inks Consumption by Application
- 7.4 China
  - 7.4.1 China Functional Ceramic Inks Consumption by Type
  - 7.4.2 China Functional Ceramic Inks Consumption by Application
- 7.5 Rest of World
  - 7.5.1 Rest of World Functional Ceramic Inks Consumption by Type
  - 7.5.2 Rest of World Functional Ceramic Inks Consumption by Application
  - 7.5.3 Japan
  - 7.5.4 Korea
  - 7.5.5 India
8 Company Profiles

- 8.1 Ferro Corporation
  - 8.1.1 Ferro Corporation Company Details
  - 8.1.2 Company Description and Business Overview
  - 8.1.3 Production and Revenue of Functional Ceramic Inks
  - 8.1.4 Functional Ceramic Inks Product Introduction
  - 8.1.5 Ferro Corporation Recent Development
- 8.2 Torrecid Group
  - 8.2.1 Torrecid Group Company Details
  - 8.2.2 Company Description and Business Overview
  - 8.2.3 Production and Revenue of Functional Ceramic Inks
  - 8.2.4 Functional Ceramic Inks Product Introduction
  - 8.2.5 Torrecid Group Recent Development
- 8.3 Colorobbia Holding S.P.A
  - 8.3.1 Colorobbia Holding S.P.A Company Details
  - 8.3.2 Company Description and Business Overview
  - 8.3.3 Production and Revenue of Functional Ceramic Inks
  - 8.3.4 Functional Ceramic Inks Product Introduction
  - 8.3.5 Colorobbia Holding S.P.A Recent Development
- 8.4 Esmalglas - Itaca Group
  - 8.4.1 Esmalglas - Itaca Group Company Details
  - 8.4.2 Company Description and Business Overview
  - 8.4.3 Production and Revenue of Functional Ceramic Inks
  - 8.4.4 Functional Ceramic Inks Product Introduction
  - 8.4.5 Esmalglas - Itaca Group Recent Development
- 8.5 Fritta
  - 8.5.1 Fritta Company Details
  - 8.5.2 Company Description and Business Overview
  - 8.5.3 Production and Revenue of Functional Ceramic Inks
  - 8.5.4 Functional Ceramic Inks Product Introduction
  - 8.5.5 Fritta Recent Development
- 8.6 Zschimmer & Schwarz
  - 8.6.1 Zschimmer & Schwarz Company Details
  - 8.6.2 Company Description and Business Overview
  - 8.6.3 Production and Revenue of Functional Ceramic Inks
  - 8.6.4 Functional Ceramic Inks Product Introduction
  - 8.6.5 Zschimmer & Schwarz Recent Development
- 8.7 Sicer S.P.A.
  - 8.7.1 Sicer S.P.A. Company Details
  - 8.7.2 Company Description and Business Overview
  - 8.7.3 Production and Revenue of Functional Ceramic Inks
  - 8.7.4 Functional Ceramic Inks Product Introduction
  - 8.7.5 Sicer S.P.A. Recent Development
- 8.8 KAO Chimigraf
  - 8.8.1 KAO Chimigraf Company Details
  - 8.8.2 Company Description and Business Overview
  - 8.8.3 Production and Revenue of Functional Ceramic Inks
  - 8.8.4 Functional Ceramic Inks Product Introduction
  - 8.8.5 KAO Chimigraf Recent Development
- 8.9 SUN Chemical
  - 8.9.1 SUN Chemical Company Details
  - 8.9.2 Company Description and Business Overview
  - 8.9.3 Production and Revenue of Functional Ceramic Inks
  - 8.9.4 Functional Ceramic Inks Product Introduction
  - 8.9.5 SUN Chemical Recent Development
- 8.10 Tecglass
  - 8.10.1 Tecglass Company Details
  - 8.10.2 Company Description and Business Overview
  - 8.10.3 Production and Revenue of Functional Ceramic Inks
  - 8.10.4 Functional Ceramic Inks Product Introduction
  - 8.10.5 Tecglass Recent Development

9 Market Forecast

- 9.1 Global Market Size Forecast
  - 9.1.1 Global Functional Ceramic Inks Capacity, Production Forecast 2019-2025
  - 9.1.2 Global Functional Ceramic Inks Production Value Forecast 2019-2025
- 9.2 Market Forecast by Regions
  - 9.2.1 Global Functional Ceramic Inks Production and Value Forecast by Regions 2019-2025
  - 9.2.2 Global Functional Ceramic Inks Consumption Forecast by Regions 2019-2025
- 9.3 United States
  - 9.3.1 Production and Value Forecast in United States
  - 9.3.2 Consumption Forecast in United States
- 9.4 European Union
  - 9.4.1 Production and Value Forecast in European Union
  - 9.4.2 Consumption Forecast in European Union
- 9.5 China
  - 9.5.1 Production and Value Forecast in China
  - 9.5.2 Consumption Forecast in China
- 9.6 Rest of World
  - 9.6.1 Japan
  - 9.6.2 Korea
  - 9.6.3 India
  - 9.6.4 Southeast Asia
- 9.7 Forecast by Type
  - 9.7.1 Global Functional Ceramic Inks Production Forecast by Type
9.7.2 Global Functional Ceramic Inks Production Value Forecast by Type
9.8 Consumption Forecast by Application

10 Value Chain and Sales Channels Analysis
10.1 Value Chain Analysis
10.2 Sales Channels Analysis
   10.2.1 Functional Ceramic Inks Sales Channels
   10.2.2 Functional Ceramic Inks Distributors
10.3 Functional Ceramic Inks Customers

11 Opportunities & Challenges, Threat and Affecting Factors
   11.1 Market Opportunities
   11.2 Market Challenges
   11.3 Porter's Five Forces Analysis

12 Key Findings

13 Appendix
   13.1 Research Methodology
      13.1.1 Methodology/Research Approach
         13.1.1.1 Research Programs/Design
         13.1.1.2 Market Size Estimation
         13.1.1.3 Market Breakdown and Data Triangulation
      13.1.2 Data Source
         13.1.2.1 Secondary Sources
         13.1.2.2 Primary Sources
   13.2 Author Details