

# 2020-2025 Global Low-k Dielectric Material Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

<https://marketpublishers.com/r/2FDCF7BD7D37EN.html>

Date: July 2021

Pages: 128

Price: US\$ 3,360.00 (Single User License)

ID: 2FDCF7BD7D37EN

## Abstracts

Low-k Dielectric Material is a material with a small relative dielectric constant relative to silicon dioxide.

This report elaborates the market size, market characteristics, and market growth of the Low-k Dielectric Material industry, and breaks down according to the type, application, and consumption area of Low-k Dielectric Material. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for Low-k Dielectric Material in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global Low-k Dielectric Material market covered in Chapter 13:

Cabot Microelectronics Corp.

Hitachi Chemical Company Limited

Mitsubishi Gas Chemical Company

Shin-Etsu Chemical Co., Ltd.

Dow Chemical Company

In Chapter 6, on the basis of types, the Low-k Dielectric Material market from 2015 to 2025 is primarily split into:

Fluorine-doped silicon dioxide

Organosilicate glass or OSG (Carbon-doped oxide or CDO)

Porous silicon dioxide

Porous organosilicate glass (carbon-doped oxide)

Spin-on organic polymeric dielectrics

Spin-on silicon based polymeric dielectric

Air gaps

In Chapter 7, on the basis of applications, the Low-k Dielectric Material market from 2015 to 2025 covers:

Electronics

Consumer Goods

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States

Europe

China

Japan

India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)

United States

Canada

Mexico

Europe (Covered in Chapter 9)

Germany

UK

France

Italy

Spain

Others

Asia-Pacific (Covered in Chapter 10)

China

Japan

India

South Korea

Southeast Asia

Others

Middle East and Africa (Covered in Chapter 11)

Saudi Arabia

UAE

South Africa

Others

South America (Covered in Chapter 12)

Brazil

Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

## Contents

### **1 LOW-K DIELECTRIC MATERIAL MARKET - RESEARCH SCOPE**

- 1.1 Study Goals
- 1.2 Market Definition and Scope
- 1.3 Key Market Segments
- 1.4 Study and Forecasting Years

### **2 LOW-K DIELECTRIC MATERIAL MARKET - RESEARCH METHODOLOGY**

- 2.1 Methodology
- 2.2 Research Data Source
  - 2.2.1 Secondary Data
  - 2.2.2 Primary Data
  - 2.2.3 Market Size Estimation
  - 2.2.4 Legal Disclaimer

### **3 LOW-K DIELECTRIC MATERIAL MARKET FORCES**

- 3.1 Global Low-k Dielectric Material Market Size
- 3.2 Top Impacting Factors (PESTEL Analysis)
  - 3.2.1 Political Factors
  - 3.2.2 Economic Factors
  - 3.2.3 Social Factors
  - 3.2.4 Technological Factors
  - 3.2.5 Environmental Factors
  - 3.2.6 Legal Factors
- 3.3 Industry Trend Analysis
- 3.4 Industry Trends Under COVID-19
  - 3.4.1 Risk Assessment on COVID-19
  - 3.4.2 Assessment of the Overall Impact of COVID-19 on the Industry
  - 3.4.3 Pre COVID-19 and Post COVID-19 Market Scenario
- 3.5 Industry Risk Assessment

### **4 LOW-K DIELECTRIC MATERIAL MARKET - BY GEOGRAPHY**

- 4.1 Global Low-k Dielectric Material Market Value and Market Share by Regions
  - 4.1.1 Global Low-k Dielectric Material Value (\$) by Region (2015-2020)

- 4.1.2 Global Low-k Dielectric Material Value Market Share by Regions (2015-2020)
- 4.2 Global Low-k Dielectric Material Market Production and Market Share by Major Countries
  - 4.2.1 Global Low-k Dielectric Material Production by Major Countries (2015-2020)
  - 4.2.2 Global Low-k Dielectric Material Production Market Share by Major Countries (2015-2020)
- 4.3 Global Low-k Dielectric Material Market Consumption and Market Share by Regions
  - 4.3.1 Global Low-k Dielectric Material Consumption by Regions (2015-2020)
  - 4.3.2 Global Low-k Dielectric Material Consumption Market Share by Regions (2015-2020)

## **5 LOW-K DIELECTRIC MATERIAL MARKET - BY TRADE STATISTICS**

- 5.1 Global Low-k Dielectric Material Export and Import
- 5.2 United States Low-k Dielectric Material Export and Import (2015-2020)
- 5.3 Europe Low-k Dielectric Material Export and Import (2015-2020)
- 5.4 China Low-k Dielectric Material Export and Import (2015-2020)
- 5.5 Japan Low-k Dielectric Material Export and Import (2015-2020)
- 5.6 India Low-k Dielectric Material Export and Import (2015-2020)
- 5.7 ...

## **6 LOW-K DIELECTRIC MATERIAL MARKET - BY TYPE**

- 6.1 Global Low-k Dielectric Material Production and Market Share by Types (2015-2020)
  - 6.1.1 Global Low-k Dielectric Material Production by Types (2015-2020)
  - 6.1.2 Global Low-k Dielectric Material Production Market Share by Types (2015-2020)
- 6.2 Global Low-k Dielectric Material Value and Market Share by Types (2015-2020)
  - 6.2.1 Global Low-k Dielectric Material Value by Types (2015-2020)
  - 6.2.2 Global Low-k Dielectric Material Value Market Share by Types (2015-2020)
- 6.3 Global Low-k Dielectric Material Production, Price and Growth Rate of Fluorine-doped silicon dioxide (2015-2020)
- 6.4 Global Low-k Dielectric Material Production, Price and Growth Rate of Organosilicate glass or OSG (Carbon-doped oxide or CDO) (2015-2020)
- 6.5 Global Low-k Dielectric Material Production, Price and Growth Rate of Porous silicon dioxide (2015-2020)
- 6.6 Global Low-k Dielectric Material Production, Price and Growth Rate of Porous organosilicate glass (carbon-doped oxide) (2015-2020)
- 6.7 Global Low-k Dielectric Material Production, Price and Growth Rate of Spin-on

organic polymeric dielectrics (2015-2020)

6.8 Global Low-k Dielectric Material Production, Price and Growth Rate of Spin-on silicon based polymeric dielectric (2015-2020)

6.9 Global Low-k Dielectric Material Production, Price and Growth Rate of Air gaps (2015-2020)

## **7 LOW-K DIELECTRIC MATERIAL MARKET - BY APPLICATION**

7.1 Global Low-k Dielectric Material Consumption and Market Share by Applications (2015-2020)

7.1.1 Global Low-k Dielectric Material Consumption by Applications (2015-2020)

7.1.2 Global Low-k Dielectric Material Consumption Market Share by Applications (2015-2020)

7.2 Global Low-k Dielectric Material Consumption and Growth Rate of Electronics (2015-2020)

7.3 Global Low-k Dielectric Material Consumption and Growth Rate of Consumer Goods (2015-2020)

## **8 NORTH AMERICA LOW-K DIELECTRIC MATERIAL MARKET**

8.1 North America Low-k Dielectric Material Market Size

8.2 United States Low-k Dielectric Material Market Size

8.3 Canada Low-k Dielectric Material Market Size

8.4 Mexico Low-k Dielectric Material Market Size

8.5 The Influence of COVID-19 on North America Market

## **9 EUROPE LOW-K DIELECTRIC MATERIAL MARKET ANALYSIS**

9.1 Europe Low-k Dielectric Material Market Size

9.2 Germany Low-k Dielectric Material Market Size

9.3 United Kingdom Low-k Dielectric Material Market Size

9.4 France Low-k Dielectric Material Market Size

9.5 Italy Low-k Dielectric Material Market Size

9.6 Spain Low-k Dielectric Material Market Size

9.7 The Influence of COVID-19 on Europe Market

## **10 ASIA-PACIFIC LOW-K DIELECTRIC MATERIAL MARKET ANALYSIS**

10.1 Asia-Pacific Low-k Dielectric Material Market Size

- 10.2 China Low-k Dielectric Material Market Size
- 10.3 Japan Low-k Dielectric Material Market Size
- 10.4 South Korea Low-k Dielectric Material Market Size
- 10.5 Southeast Asia Low-k Dielectric Material Market Size
- 10.6 India Low-k Dielectric Material Market Size
- 10.7 The Influence of COVID-19 on Asia Pacific Market

## **11 MIDDLE EAST AND AFRICA LOW-K DIELECTRIC MATERIAL MARKET ANALYSIS**

- 11.1 Middle East and Africa Low-k Dielectric Material Market Size
- 11.2 Saudi Arabia Low-k Dielectric Material Market Size
- 11.3 UAE Low-k Dielectric Material Market Size
- 11.4 South Africa Low-k Dielectric Material Market Size
- 11.5 The Influence of COVID-19 on Middle East and Africa Market

## **12 SOUTH AMERICA LOW-K DIELECTRIC MATERIAL MARKET ANALYSIS**

- 12.1 South America Low-k Dielectric Material Market Size
- 12.2 Brazil Low-k Dielectric Material Market Size
- 12.3 The Influence of COVID-19 on South America Market

## **13 COMPANY PROFILES**

- 13.1 Cabot Microelectronics Corp.
  - 13.1.1 Cabot Microelectronics Corp. Basic Information
  - 13.1.2 Cabot Microelectronics Corp. Product Profiles, Application and Specification
  - 13.1.3 Cabot Microelectronics Corp. Low-k Dielectric Material Market Performance (2015-2020)
- 13.2 Hitachi Chemical Company Limited
  - 13.2.1 Hitachi Chemical Company Limited Basic Information
  - 13.2.2 Hitachi Chemical Company Limited Product Profiles, Application and Specification
  - 13.2.3 Hitachi Chemical Company Limited Low-k Dielectric Material Market Performance (2015-2020)
- 13.3 Mitsubishi Gas Chemical Company
  - 13.3.1 Mitsubishi Gas Chemical Company Basic Information
  - 13.3.2 Mitsubishi Gas Chemical Company Product Profiles, Application and Specification

13.3.3 Mitsubishi Gas Chemical Company Low-k Dielectric Material Market Performance (2015-2020)

13.4 Shin-Etsu Chemical Co., Ltd.

13.4.1 Shin-Etsu Chemical Co., Ltd. Basic Information

13.4.2 Shin-Etsu Chemical Co., Ltd. Product Profiles, Application and Specification

13.4.3 Shin-Etsu Chemical Co., Ltd. Low-k Dielectric Material Market Performance (2015-2020)

13.5 Dow Chemical Company

13.5.1 Dow Chemical Company Basic Information

13.5.2 Dow Chemical Company Product Profiles, Application and Specification

13.5.3 Dow Chemical Company Low-k Dielectric Material Market Performance (2015-2020)

## **14 MARKET FORECAST - BY REGIONS**

14.1 North America Low-k Dielectric Material Market Forecast (2020-2025)

14.2 Europe Low-k Dielectric Material Market Forecast (2020-2025)

14.3 Asia-Pacific Low-k Dielectric Material Market Forecast (2020-2025)

14.4 Middle East and Africa Low-k Dielectric Material Market Forecast (2020-2025)

14.5 South America Low-k Dielectric Material Market Forecast (2020-2025)

## **15 MARKET FORECAST - BY TYPE AND APPLICATIONS**

15.1 Global Low-k Dielectric Material Market Forecast by Types (2020-2025)

15.1.1 Global Low-k Dielectric Material Market Forecast Production and Market Share by Types (2020-2025)

15.1.2 Global Low-k Dielectric Material Market Forecast Value and Market Share by Types (2020-2025)

15.2 Global Low-k Dielectric Material Market Forecast by Applications (2020-2025)



## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Low-k Dielectric Material Picture

Table Low-k Dielectric Material Key Market Segments

Figure Study and Forecasting Years

Figure Global Low-k Dielectric Material Market Size and Growth Rate 2015-2025

Figure Industry PESTEL Analysis

Figure Global COVID-19 Status

Figure Market Size Forecast Comparison of Pre COVID-19 and Post COVID-19

Figure Global Low-k Dielectric Material Value (\$) and Growth Rate (2015-2020)

Table Global Low-k Dielectric Material Value (\$) by Countries (2015-2020)

Table Global Low-k Dielectric Material Value Market Share by Regions (2015-2020)

Figure Global Low-k Dielectric Material Value Market Share by Regions in 2019

Figure Global Low-k Dielectric Material Production and Growth Rate (2015-2020)

Table Global Low-k Dielectric Material Production by Major Countries (2015-2020)

Table Global Low-k Dielectric Material Production Market Share by Major Countries (2015-2020)

Figure Global Low-k Dielectric Material Production Market Share by Regions in 2019

Figure Global Low-k Dielectric Material Consumption and Growth Rate (2015-2020)

Table Global Low-k Dielectric Material Consumption by Regions (2015-2020)

Table Global Low-k Dielectric Material Consumption Market Share by Regions (2015-2020)

Figure Global Low-k Dielectric Material Consumption Market Share by Regions in 2019

Table Global Low-k Dielectric Material Export Top 3 Country 2019

Table Global Low-k Dielectric Material Import Top 3 Country 2019

Table United States Low-k Dielectric Material Export and Import (2015-2020)

Table Europe Low-k Dielectric Material Export and Import (2015-2020)

Table China Low-k Dielectric Material Export and Import (2015-2020)

Table Japan Low-k Dielectric Material Export and Import (2015-2020)

Table India Low-k Dielectric Material Export and Import (2015-2020)

Table Global Low-k Dielectric Material Production by Types (2015-2020)

Table Global Low-k Dielectric Material Production Market Share by Types (2015-2020)

Figure Global Low-k Dielectric Material Production Share by Type (2015-2020)

Table Global Low-k Dielectric Material Value by Types (2015-2020)

Table Global Low-k Dielectric Material Value Market Share by Types (2015-2020)

Figure Global Low-k Dielectric Material Value Share by Type (2015-2020)

Figure Global Fluorine-doped silicon dioxide Production and Growth Rate (2015-2020)

Figure Global Fluorine-doped silicon dioxide Price (2015-2020)

Figure Global Organosilicate glass or OSG (Carbon-doped oxide or CDO) Production and Growth Rate (2015-2020)

Figure Global Organosilicate glass or OSG (Carbon-doped oxide or CDO) Price (2015-2020)

Figure Global Porous silicon dioxide Production and Growth Rate (2015-2020)

Figure Global Porous silicon dioxide Price (2015-2020)

Figure Global Porous organosilicate glass (carbon-doped oxide) Production and Growth Rate (2015-2020)

Figure Global Porous organosilicate glass (carbon-doped oxide) Price (2015-2020)

Figure Global Spin-on organic polymeric dielectrics Production and Growth Rate (2015-2020)

Figure Global Spin-on organic polymeric dielectrics Price (2015-2020)

Figure Global Spin-on silicon based polymeric dielectric Production and Growth Rate (2015-2020)

Figure Global Spin-on silicon based polymeric dielectric Price (2015-2020)

Figure Global Air gaps Production and Growth Rate (2015-2020)

Figure Global Air gaps Price (2015-2020)

Table Global Low-k Dielectric Material Consumption by Applications (2015-2020)

Table Global Low-k Dielectric Material Consumption Market Share by Applications (2015-2020)

Figure Global Low-k Dielectric Material Consumption Share by Application (2015-2020)

Figure Global Electronics Consumption and Growth Rate (2015-2020)

Figure Global Consumer Goods Consumption and Growth Rate (2015-2020)

Figure North America Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Table North America Low-k Dielectric Material Consumption by Countries (2015-2020)

Table North America Low-k Dielectric Material Consumption Market Share by Countries (2015-2020)

Figure North America Low-k Dielectric Material Consumption Market Share by Countries (2015-2020)

Figure United States Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Figure Canada Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Figure Mexico Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Figure North America COVID-19 Status

Figure Europe Low-k Dielectric Material Market Consumption and Growth Rate

(2015-2020)

Table Europe Low-k Dielectric Material Consumption by Countries (2015-2020)

Table Europe Low-k Dielectric Material Consumption Market Share by Countries (2015-2020)

Figure Europe Low-k Dielectric Material Consumption Market Share by Countries (2015-2020)

Figure Germany Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Figure United Kingdom Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Figure France Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Figure Italy Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Figure Spain Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Figure Europe COVID-19 Status

Figure Asia-Pacific Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Table Asia-Pacific Low-k Dielectric Material Consumption by Countries (2015-2020)

Table Asia-Pacific Low-k Dielectric Material Consumption Market Share by Countries (2015-2020)

Figure Asia-Pacific Low-k Dielectric Material Consumption Market Share by Countries (2015-2020)

Figure China Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Figure Japan Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Figure South Korea Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Figure Southeast Asia Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Figure India Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Figure Asia Pacific COVID-19 Status

Figure Middle East and Africa Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Table Middle East and Africa Low-k Dielectric Material Consumption by Countries (2015-2020)

Table Middle East and Africa Low-k Dielectric Material Consumption Market Share by Countries (2015-2020)

Figure Middle East and Africa Low-k Dielectric Material Consumption Market Share by Countries (2015-2020)

Figure Saudi Arabia Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Figure UAE Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Figure South Africa Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Figure South America Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Table South America Low-k Dielectric Material Consumption by Countries (2015-2020)

Table South America Low-k Dielectric Material Consumption Market Share by Countries (2015-2020)

Figure South America Low-k Dielectric Material Consumption Market Share by Countries (2015-2020)

Figure Brazil Low-k Dielectric Material Market Consumption and Growth Rate (2015-2020)

Table Cabot Microelectronics Corp. Company Profile

Table Cabot Microelectronics Corp. Production, Value, Price, Gross Margin 2015-2020

Figure Cabot Microelectronics Corp. Production and Growth Rate

Figure Cabot Microelectronics Corp. Value (\$) Market Share 2015-2020

Table Hitachi Chemical Company Limited Company Profile

Table Hitachi Chemical Company Limited Production, Value, Price, Gross Margin 2015-2020

Figure Hitachi Chemical Company Limited Production and Growth Rate

Figure Hitachi Chemical Company Limited Value (\$) Market Share 2015-2020

Table Mitsubishi Gas Chemical Company Company Profile

Table Mitsubishi Gas Chemical Company Production, Value, Price, Gross Margin 2015-2020

Figure Mitsubishi Gas Chemical Company Production and Growth Rate

Figure Mitsubishi Gas Chemical Company Value (\$) Market Share 2015-2020

Table Shin-Etsu Chemical Co., Ltd. Company Profile

Table Shin-Etsu Chemical Co., Ltd. Production, Value, Price, Gross Margin 2015-2020

Figure Shin-Etsu Chemical Co., Ltd. Production and Growth Rate

Figure Shin-Etsu Chemical Co., Ltd. Value (\$) Market Share 2015-2020

Table Dow Chemical Company Company Profile

Table Dow Chemical Company Production, Value, Price, Gross Margin 2015-2020

Figure Dow Chemical Company Production and Growth Rate

Figure Dow Chemical Company Value (\$) Market Share 2015-2020

Figure North America Market Consumption and Growth Rate Forecast (2020-2025)

Figure Europe Market Consumption and Growth Rate Forecast (2020-2025)

Figure Asia-Pacific Market Consumption and Growth Rate Forecast (2020-2025)

Figure Middle East and Africa Market Consumption and Growth Rate Forecast  
(2020-2025)

Figure South America Market Consumption and Growth Rate Forecast (2020-2025)

Table Global Low-k Dielectric Material Market Forecast Production by Types  
(2020-2025)

Table Global Low-k Dielectric Material Market Forecast Production Share by Types  
(2020-2025)

Table Global Low-k Dielectric Material Market Forecast Value (\$) by Types (2020-2025)

Table Global Low-k Dielectric Material Market Forecast Value Share by Types  
(2020-2025)

Table Global Low-k Dielectric Material Market Forecast Consumption by Applications  
(2020-2025)

Table Global Low-k Dielectric Material Market Forecast Consumption Share by  
Applications (2020-2025)

## I would like to order

Product name: 2020-2025 Global Low-k Dielectric Material Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

Product link: <https://marketpublishers.com/r/2FDCF7BD7D37EN.html>

Price: US\$ 3,360.00 (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/2FDCF7BD7D37EN.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

