Conductive Silicone Market - Global Trends & Forecast to 2021

Description: "Conductive Silicone Market by Type (Elastomers, Resins, Gels and Others), Application (Adhesives & Sealants, Thermal Interface Materials, Encapsulants & Potting Compounds, Conformal Coatings and Others), and by Region - Global Trends & Forecast to 2021"

The market size for conductive silicones is projected to reach USD 4.46 billion by 2021, registering a CAGR of 7.2% between 2016 and 2021. Increasing demand from the power generation & distribution, photovoltaic, and LED industry is the major driver for conductive silicones market.

The global power generation & distribution and photovoltaic industry is expected to rise with the increasing demand for renewable source of energy and growing power consumption in major economies such as India, China, the U.S., Canada, Germany, Brazil, and others. The LED sector is another major end-use industry boosting the growth of the conductive silicones market, globally.

Encapsulants & potting compounds is the second-largest application of conductive silicones. It is a major application required in the electrical & electronics sector to protect various components from mechanical stress and environmental extremities.

Conductive silicones are characterized with high thermal conductivity to reduce the resistance across joints to maintain the junction temperature, softness, toughness, and electrical insulation properties, making them an ideal material for encapsulants & potting application, maintaining the functionality and longevity of electronic devices; hence, enhancing the growth of the market.

Asia-Pacific is the largest market for conductive silicones globally, with China being the most dominant market. This region is also witnessing the highest growth rate, which is attributed to the rapid economic expansion currently undergoing in the region.

Further, rapid development in telecommunication & IT and power generation industries in Hong Kong and Taiwan is vigorously driving the demand for conductive silicones for thermal interface material, encapsulants & potting compounds and adhesives & sealants, and other applications in the region.

This study has been validated through primary interviews conducted with various industry experts globally. These primary sources have been divided in three categories: by company; by designation; and by region.

- By Company Type- Tier 1- 25%, Tier 2- 33% and Tier 3- 42%
- By Designation- Directors- 10%, Research & Consultants- 13%, Sales Executives- 40%, and Managers- 37%
- By Region- North America- 25%, Europe- 27%, Asia-Pacific- 30%, Latin America and Middle-East & Africa-18%

The report also includes company profiles and competitive strategies adopted by the major market players such as Dow Corning Corporation (U.S.), Wacker Chemie AG (Germany), Momentive Performance Materials Inc. (U.S.), Shin-Etsu Chemical Company Ltd (Japan), Evonik Industries AG (Germany), Bluestar Silicones (France), KCC Silicones (South Korea), ACC Silicones (U.K.), Nusil Technologies LLC (U.S.), and Reiss Manufacturing, Inc. (U.S.).

Reasons to buy this report:

From an insight perspective, this research report has focused on various levels of analysis-industry analysis (industry trends), market share analysis of top players, supply chain analysis, and company profiles, which together comprise and discuss the basic views on the competitive landscape; emerging and high-growth segments of the conductive silicones market; high-growth regions; and market drivers, restraints, and opportunities.

The report provides insights on the following pointers:
- Market Penetration: Comprehensive information on conductive silicones offered by the top players in the global conductive silicones market

- Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the conductive silicones market

- Market Development: Comprehensive information about lucrative emerging markets - the report analyzes the markets for conductive silicones across regions

- Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the global conductive silicones market

- Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of the leading players in the global conductive silicones market

Contents:

1 Introduction
   1.1 Objectives of the Study
   1.2 Report Description
   1.3 Scope of Study
      1.3.1 Markets Covered
      1.3.2 Years Considered in the Report
      1.3.3 Currency
   1.4 Limitations
   1.5 Stake Holders

2 Research Methodology
   2.1 Research Data
      2.1.1 Secondary Data
      2.1.1.1 Key Data From Secondary Sources
      2.1.2 Primary Data
         2.1.2.1 Key Data From Primary Sources
         2.1.2.2 Key Industry Insights
   2.2 Market Size Estimation
      2.2.1 Bottom-Up Approach
      2.2.2 Top-Down Approach
   2.3 Market Breakdown and Data Triangulation
   2.4 Market Share Estimation
      2.4.1 Assumptions

3 Executive Summary

4 Premium Insights
   4.1 Attractive Opportunities in the Conductive Silicones Market
   4.2 Conductive Silicone Market, By Type
   4.3 Conductive Silicones Market Share, 2015
   4.4 Conductive Silicone: Market Attractiveness
   4.5 Conductive Silicones Market: Developing vs Developed Nations
   4.6 Lifecycle Analysis, By Region

5 Market Overview
   5.1 Introduction
   5.2 Market Segmentation
      5.2.1 Conductive Silicone Market, By Type
      5.2.2 Conductive Silicone Market, By Application
      5.2.3 Conductive Silicone Market, By End-Use Industry
      5.2.4 Conductive Silicone Market, By Region
   5.3 Market Dynamics
      5.3.1 Drivers
      5.3.2 Restraints
      5.3.3 Opportunities
   5.4 Revenue Pocket Matrix
   5.5 Technology Road Map
6 Industry Trends
6.1 Introduction
6.2 Supply Chain Analysis
   6.2.1 List of Manufacturer
   6.2.2 List of Raw Material and Technology Suppliers
   6.2.3 List of Customers
   6.2.4 List of Distributors
6.3 Porter's Five Force Analysis
   6.3.1 Bargaining Power of Suppliers
   6.3.2 Threat of New Entrants
   6.3.3 Threat of Substitutes
   6.3.4 Bargaining Power of Buyers
   6.3.5 Intensity of Competitive Rivalry
6.4 Pricing Analysis
6.5 Patents / Patent Trends

7 Conductive Silicones Market, By Type
7.1 Introduction
7.2 Elastomers
   7.2.1 LSR
   7.2.2 RTV
   7.2.3 HTV
7.3 Resins
7.4 Gels
7.5 Others

8 Conductive Silicone Market, By Application
8.1 Introduction
8.2 Adhesives & Sealants
8.3 Thermal Interface Materials
   8.3.1 Adhesives
   8.3.2 Gels & Greases
   8.3.3 Thermal Conductive Pads
   8.3.4 Encapsulants & Potting Compounds
8.4 Encapsulants & Potting Compounds
8.5 Conformal Coatings
8.6 Others

9 Conductive Silicone Market, By End-Use Industry
9.1 Introduction
9.2 Telecommunication & It
9.3 Building & Construction
9.4 Entertainment
9.5 Automotive
9.6 Power Generation & Distribution
9.7 Led
9.8 Photovoltaic
9.9 Other Electronics

10 Conductive Silicone Market, By Region
10.1 Asia-Pacific
   10.1.1 Introduction
   10.1.1.1 Economic Outlook
   10.1.2 China
   10.1.3 India
   10.1.4 Japan
   10.1.5 South Korea
   10.1.6 Indonesia
   10.1.7 Malaysia
   10.1.8 Rest of Asia-Pacific
10.2 North America
   10.2.1 Introduction
10.2.1.1 Economic Outlook
10.2.2 U.S.
10.2.3 Canada
10.2.4 Mexico
10.3 Europe
  10.3.1 Introduction
  10.3.1.1 Economic Outlook
  10.3.2 Western Europe
    10.3.2.1 Germany
    10.3.2.2 U.K.
    10.3.2.3 France
    10.3.2.4 Others
  10.3.3 Central & Eastern Europe
    10.3.3.1 Russia
    10.3.3.2 Turkey
    10.3.3.3 Others
10.4 Latin America
  10.4.1 Introduction
    10.4.1.1 Economic Outlook
    10.4.2 Brazil
    10.4.3 Argentina
    10.4.4 Rest of Latin America
10.5 Middle-East & Africa
  10.5.1 UAE
  10.5.2 Africa
  10.5.3 Others

11 Competitive Landscape
  11.1 Overview
  11.2 Competitive Benchmarking By Brands
  11.3 New Product Launch: the Most Popular Growth Strategy
  11.4 Competitive Situations and Trends
    11.4.1 Expansions
    11.4.2 New Product Launches/Developments
    11.4.3 Mergers & Acquisitions

12 Company Profiles
  12.1 Dow Corning Corporation
  12.2 Wacker Chemie AG
  12.3 Momentive Performance Materials, Inc.
  12.4 Shin-Etsu Chemical Co., Ltd.
  12.5 KCC Corporation
  12.6 Bluestar Silicones
  12.7 Evonik Industries AG
  12.8 Nusil Technology LLC
  12.9 ACC Silicones Ltd.
  12.10 Reiss Manufacturing, Inc.

13 Appendix
  13.1 Excerpts From Industry Experts
  13.2 Discussion Guide

List of Tables
Table 1 Conductive Silicones Market, By Type
Table 2 Conductive Silicone Market, By Application
Table 3 Conductive Silicones Market Size, By Type, 2014-2021
Table 4 Conductive Silicone Market Size, By Type, 2014-2021 (USD Million)
Table 5 Conductive Silicones Market Size, By Region, 2014-2021 (USD Million)
Table 6 Adhesives & Sealants Segment Market Size, By Region, 2014-2021 (USD Million)
Table 7 Thermal Interface Materials Market Size, By Region, 2014-2021 (USD Million)
Table 8 Elastomers Market Size, By Region, 2014-2021 (USD Million)
Table 9 Conductive Silicone Market Size in Elastomers Application, (Value), 2014-2021
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit
http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Conductive Silicone Market - Global Trends & Forecast to 2021
Web Address: http://www.researchandmarkets.com/reports/3776314/
Office Code: SCPLRIXF

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Single User</td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>USD 6650</td>
</tr>
<tr>
<td>1 - 5 Users</td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>USD 8150</td>
</tr>
<tr>
<td>Site License</td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>USD 10000</td>
</tr>
<tr>
<td>Enterprisewide</td>
<td></td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof

First Name: ____________________________ Last Name: ________________________

Email Address: * ______________________________

Job Title: ________________________________

Organisation: ______________________________

Address: ________________________________

City: ________________________________

Postal / Zip Code: ________________________________

Country: ________________________________

Phone Number: ________________________________

Fax Number: ________________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World