

Global Silicon Tetrachloride Market Size study, by Grade (Electronics Grade, Technical Grade) by Application (Chemical Intermediate, Silicone Rubber, Optic Fiber Preform, Others) and Regional Forecasts 2022-2028

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Abstracts

Global Silicon Tetrachloride Market is valued approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2028. Silicon Tetrachloride refers to a colorless fuming corrosive liquid (SiCl_4). It is made by heating silicon or silicon carbide with chlorine. Silicon Tetrachloride is used to produce high purity silicon and silica for commercial applications such as manufacturing of optical fiber network and semiconductors among others. Growing Optical fiber industry and rising penetration of electronic gadgets such as smartphones, Tablets etc. are key drivers for the growth of Silicon Tetrachloride market. For instance, according to global database management company Statista- in 2020, the global specialty optical fibers market generated revenue of USD 18.3 billion and as per projections by the year 2025 the market is estimated to generate revenue of around USD 42.1 billion. Also, as per India Brand Equity Forum (IBEF)- the total wireless or mobile telephone subscriber base reached 1.16 billion in September 2021, from 1.148 billion in September 2020. Also, with the increasing demand from semiconductor industry and rising electronics sector in emerging economies, the adoption & demand for Silicon Tetrachloride is likely to increase the market growth during the forecast period. However, high manufacturing cost of Silicon Tetrachloride and limited availability of raw material impedes the growth of the market over the forecast period of 2022-2028.

The key regions considered for the Global Silicon Tetrachloride Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North

America is the leading region across the world in terms of market share owing to presence of leading market players and rising technological advancements in the region. Whereas, Asia-Pacific is anticipated to exhibit highest growth rate over the forecast period 2022-2028. Factors such as presence of large scale semiconductor and electronics players in countries such as China, Korea and Japan would create lucrative growth prospects for the Silicon Tetrachloride market across Asia-Pacific region.

Major market player included in this report are:

Evonik Industries AG

DowDupont Inc.

Air Products and Chemicals Inc.

The Linde Group Ltd.

Inner Mongolia Dakang Industrial Co., Ltd.

Tokuyama Corporation Ltd.

Shandong Xinlong Group Co Ltd

Air Liquide S. A. Ltd.

Cabot Corporation

Wacker Chemie AG

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Grade:

Electronics Grade

Technical Grade

By Application:

Chemical Intermediate

Silicone Rubber

Optic Fiber Preform

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Silicon Tetrachloride Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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