

Global Hydrophilic Coating Market Size study with COVID Impact, by Substrate Type (Metals, Polymers, Glass/Ceramics, Nanoparticles, and Others) and by Application (Medical Devices, Optics, Automotive, Aerospace, Marine, and Other Applications) and Regional Forecasts 2020-2027

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Abstracts

Global Hydrophilic Coating Market is valued approximately at USD 11.1 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 5.8% over the forecast period 2020-2027. Hydrophilic coatings are applied to medical devices such as guide wires, catheters and cannulas as wettable and low friction coating. It reduces inflammation and damage caused by medical devices when used on a patient. They are also used for optical devices like camera windows, outdoor monitoring, outdoor displays, etc. High demand of hydrophilic coatings in bio medical applications and the use of hydrophilic coatings in anti-fog and anti-cleaning applications are driving factors. According to Statista, in 2016 global manufacturing of medical devices totalled around USD 679 billion and in 2018 reached nearly USD 786 billion, significantly. It is also predicted that global manufacturing of medical devices will grow by 2020 with roughly USD 894 billion. When used, these coatings are separated from the medical equipment and reduce the lubrication causing discomfort and high risk of injury, which is the restraining factor. On-going technological advancements in nanocoated hydrophilic technologies and growing end users in emerging regions are opportunity factors.

The regional analysis of global hydrophilic coating market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America and Western Europe are considerably involved in the global market for hydrophilic coatings. This is attributed in those regions to the mature

automobile and healthcare industry. Western Europe and North America account for more than half of the total share in the global market for coatings, which is expected to boost hydrophilic coatings market growth in these regions. Emerging clusters like China and India are showing rapid growth in the automotive industry, which is expected to boost hydrophilic coatings consumption. Japan was a major player in the innovative medical devices industry and is considered a hub for electronics

Major market player included in this report are:

Henniker Plasma,
Teleflex Incorporated,
Aculon, Inc.,
Surface Solutions Group, LLC,
Surmodics, Inc.,
Koninklijke DSM N.V.,
Henkel AG & Co. KGaA,
Pangolin Medical,
BioInteractions Ltd.,
Dontech, Inc., and
Harland Medical Systems

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:

Substrate Type Analysis

Polymers

Glass/Ceramics

Metals

Nanoparticles

Others

Application Analysis

Medical Devices

Optics

Automotive
Aerospace
Marine
Others

By Region:

North America
U.S.
Canada
Europe
UK
Germany
Asia Pacific
China
India
Japan
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2016, 2017, 2018

Base year – 2019

Forecast period – 2020 to 2026

Target Audience of the Global Residential Energy Management 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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