

# Polytetrafluoroethylene Market Revenue Analysis & Region and Country Forecast To 2028

*Rising necessity for better efficiency & emission control in the transportation & automotive sector is one of the significant factor influencing market growth.*

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The global [Polytetrafluoroethylene Market](#) is expected to reach USD 4.99 Billion by 2028, according to a new

report by Reports and Data. Polytetrafluoroethylene is a synthetic fluoropolymer of tetrafluoroethylene with an extensive variety of uses. It is a robust, tough, waxy, non-flammable synthetic resin manufactured by the process of polymerization of tetrafluoroethylene. It is distinguished by its typical characteristics like resistance to chemicals, greasy surface, and high melting point. The report is well curated using statistical methods such as SWOT analysis and Porter's Five Force and presented using tables, graphs, charts, figures and other pictorial representations to help user understand the market dynamics. The data is collected using extensive primary and secondary research which is evaluated by experts and professionals in the industry.

The market demand is forecasted to be driven by a rise in demand for better efficiency and emission control in the transportation and automotive sector. These sectors seek the application of polytetrafluoroethylene which provides various benefits like low frictional coefficient, high electrical resistance, heat resistance, and chemical inertness among others.

PTFE is known to be one of the most excellent insulators. In thin sections, PTFE will insulate to 500 volts/mil. There are certain grades of PTFE that have even greater dielectric strength. PTFE is often used in cable and wire wrap, and as the separator for conductive surfaces in capacitors. Thickly walled, close-tolerance extruded tubing is the most sought after PTFE shape where machining or drilling long lengths to close tolerances is impossible. PTFE can be machined into standoff insulators and several different types of high voltage encapsulation devices for electrical components.



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Key participants include 3M, Asahi Glass Co. Ltd., Gujarat Fluorochemicals Ltd., Solvay SA, Daikin Industries, Shanghai 3f New Material Co. Ltd., Dongyue, Chemours, Halopolymers Ojsc and Zhejiang Juhua among others.

One major factor that may hinder the market growth is the high cost associated with the production of polytetrafluoroethylene owing to an increase in the global price of raw material required for the production.

North America and Europe are among the key revenue generation region in the market. This can be attributed to the consistent technological advancements for end-user products from these regions.

Further key findings from the report suggest

Granular product form is estimated to capture the largest market share with a CAGR of 5.2% during the forecast period, due to the extensive use of granular polytetrafluoroethylene in molding and stock shaping applications.

Chemical and Industrial sectors are projected to lead the market throughout the forecast period due to the various application in the industrial sector such as processing of gaskets, washers, and interiors of pumps among others. The chemical inertness of PTFE makes it a suitable component in various application in chemical sector.

Asia Pacific is expected to occupy the largest market share during the forecast period with a growth rate of 5.2%. This is chiefly because of the growth of end-user sectors such as automotive, transportation, chemical, and healthcare. Chemical is estimated to give a significant boost to the market.

On December 2016, 3M, a leading company in the market, developed a new patent-pending technology for 3D printing fluoropolymers.

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For the purpose of this report, Reports and Data have segmented global polytetrafluoroethylene market on the basis of product form, PTFE grade, application, end-user and region:

Product Form Outlook (Volume, Kilo Tons; 2020-2028 and Revenue, USD Million; 2020-2028)

Granular

Fine Powder

Micronized powder

## Aqueous Dispersions

PTFE Grade Outlook (Volume, Kilo Tons; 2020-2028 and Revenue, USD Million; 2020-2028)

Virgin PTFE

Glass Filled PTFE

Bronze Filled PTFE

Carbon Filled PTFE

Stainless Steel Filled PTFE

Application Outlook (Volume, Kilo Tons; 2020-2028 and Revenue, USD Million; 2020-2028)

Sheet & Film

Industrial Coatings

Teflon Coating & Non-Stick Wear

PTFE Powder

Others

End-user Outlook (Volume, Kilo Tons; 2020-2028 and Revenue, USD Million; 2020-2028)

Electrical & Electronics

Chemical

Industrial

Automotive

Construction

Healthcare

Others

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Regional Outlook (Volume, Kilo Tons; 2020-2028 and Revenue, USD Million; 2020-2028)

North America

Europe

Asia Pacific

Latin America

MEA

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