Polytetrafluoroethylene (PTFE) Market - By Type (PTFE, FEP, PFA, ETFE); Property Type (Not Sticky, Heat Resistance, Wear Resistance, Corrosion Resistance); Coating Material & By Industry - Forecast 2016 - 2021.

Description: Polytetrafluoroethylene (PTFE) is a crystalline fluoropolymer consisting of long parallel macro-molecules, each of them is made of a carbon chain surrounded by fluorine atoms forming a linear repeating structure - CF2-CF2-CF2-. The monomer molecules (tetrafluoroethylene) have the structure F2C=CF2. The fluorine atoms covering the carbon chain protect it from chemical activity. They also repeal other PTFE molecules and molecules of other substances resulting in high chemical resistance and exceptional non-sticking properties of polytetrafluoroethylene.

Due to those exceptional properties, the usage of PTFE is increasing steadily.

Polytetrafluoroethylene is mainly available in powder forms including fine, micronized, granular, aqueous dispersion and such other forms. It is used as a mechanical component and coating material across different industrial verticals.

The global market for PTFE was estimated to be $XX billion in 2015. The global market for Metal packaging market is estimated to grow at a CAGR of xx% and is forecast to reach $XX billion by 2021. The fine powdered PTFE is forecast to have the highest growth of x% during the forecast period 2015-2020. Automotive and chemical processing are the major end-users for PTFE. North America and Asia alone are estimated to occupy a share of more than xx% during 2015-2021.

Asia Pacific dominated the global polytetrafluoroethylene market. Cheap availability of raw materials and growth in various end-user industries is resulted into growing polytetrafluoroethylene demand in the region. North America was the second largest market for polytetrafluoroethylene. North America and Europe are also expected to be exhibit strong growth in demand for polytetrafluoroethylene over the forecast period. Latin America and Middle East & Africa are also expected to grow at a moderate pace.

Asia is the leading market for PTFE Market with China leading the charge. Asia region is forecast to have highest growth in the next few years due to growing adoption of PTFE in industrial applications. Asia PTFE market accounts to xx% of the global market for PTFE and is the fastest growing market followed by Americas.

Various consumer-trends are driving PTFE demand. The increasingly busy lifestyles of modern consumers and rapidly aging societies are magnifying the demand for convenient and long-lasting food packaging. Increased awareness of the health and nutritional benefits of freshly packaged food as well as nutrient-retaining qualities of PTFE are driving demand primarily. Growing environmental concerns have also caused a move towards increasing sustainability and both consumers and companies are looking to diminish their environmental footprint, benefiting the 100% recyclable metal packaging.

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