

Global Talc Market Outlook to 2027

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Abstracts

Talc is a mineral comprised of hydrated magnesium silicate and is an essential industrial and commercial mineral. Talc is slightly soluble in dilute mineral acids and insoluble in water, and it is a metamorphic mineral and occurs due to the metamorphism of magnesium minerals such as olivine, amphibole, serpentine and pyroxene in the presence of water and carbon dioxide, is a tri-octahedral layered mineral and has a related structure to that of pyrophyllite. According to BlueQuark Research & Consulting, Talc's global market is expected to witness a moderate growth rate during the forecasted period. Factor increasing demand for Talc from the automotive industry is majorly driving the global talc market in the forecasted period. Further, increasing demand from the paints and coatings industry is likely to propel the talc market owing to its usage in industrial paint and coatings, wood lacquers, printing inks, fillers, etc. Furthermore, increasing demand for Talc from the pharmaceutical industry due to its increasing applications in the medical sector is expected to fuel the growth of the global talc market over the forecast period. However, guidelines by many environment protection agencies across the world to coordinate the production and usage of Talc in various end-use industries are predicted to hamper the growth of the Talc Market. The slow rising growth of the pulp and paper industry due to digitization, rising guidelines regulating the production and worn of Talc, and increasing easy availability of substitutes are the significant factors, among others, acting as restraints. In contrast, rising lawsuits filed against the production and use of Talc will further challenge the growth of the talc market in the forecast period mentioned above.

Talc is used in paints, roofing materials, ceramics, insecticides, rubber, talcum powder, and insecticides. It is also used by the cosmetics industry, pulp and paper industry, and food industry, and it is often used to manufacture laboratory countertops and electrical switchboards due to its resistance to heat, acids, and electricity. The cosmetic industry uses it as a lubricant in cosmetic products and as a filler by the pulp and paper industry. Talc powder is extensively worn to make astringent baby powders that prevent rashes

covered by a diaper.

The Automotive Industry is a main consumer of Talc globally and is expected to drive the future market. The lightweight plastic parts used in the automotive industry are manufactured from talc-reinforced polypropylene, enhancing their performance and durability. Talc also increases resistance against abrasion and corrosion. Besides, the rising automotive refinish market and flourishing OEM components market for the automotive industry are likewise assumed to propel the growth opportunity of the Talc Market during the forecast period. In plastic industry, Talc is mainly utilized as a filler. Talc particles have platy shapes, which help surge the stiffness of products, like polypropylene, vinyl, polyethylene, nylon, and polyester. This also raises the heat resistance ability of these products and reduces shrinkage. Talc also improves the properties of plastic by improving hardness, tensile strength, toughness, impact absorption, stability, and electrical insulation. Further, being a good insulator decreases the energy loss from electrical devices. In rubber manufacturing, Talc helps offer bounce property to the rubber and prevents the rubber from sticking. Properties, such as the high heat resistivity and bonding qualities of Talc, make it an appropriate choice for rubber application. Talc helps reduce the viscosity of rubber compounds, thus easing the processing of molded parts. It also develops extrudate qualities and raises the UV radiation resistance ability of exterior parts of automotive profiles. Talcs function as insulators in tire manufacturing and make excellent processing aids. Additionally, Talc also helps to enhance the mechanical characteristics of rubber compounds. It helps in the depletion of gas permeability and electrical conductivity. These properties are propelling the market for Talc in the rubber industry, which is anticipated to increase the global talc market at a high rate over the forecast period.

Major global players are Imerys, IMI Fabi SpA, Minerals Technologies Inc., Haicheng Xinda Mining, and Golcha Group.

The Asia Pacific region is the largest market for global Talc due to the high consumption from the end use industry in countries such as India, China, and Japan. India is one of the countries with white talc storage, and China has the largest plastics market that requires a more supply of Talc to function. Further, Talc is found in 15 provinces in China, with Liaoning, Shandong, Guangxi, Jiangxi, and Qinghai as the prominent areas that approximate more than 90% of the total reserves. The paper and pulp industry remains the most significant global market for Talc and is the critical propelling factor for the talc industry. The automotive industry, ceramics industry, and the paint and coatings industry are the other significant consumers of Talc products. Talc is mainly used as an extender and effective filler in paints and helps to enhance the suspension of solids in

the can. It is also supporting the liquid paint adhering to a wall without sagging. Talc creates a barrier effect to limit the penetration of water and corrosive agents into paints and coatings and further helps to decrease bubble formation, corrosion, and peeling. The pharmaceutical industry uses Talc as a glidant (a substance added to the powder to improve its flowability) and the food industry as an additive. Talc is used as a pleurodesis agent to prevent pneumothorax or recurrent pleural effusion in medicine. Talc is also an effective dispersing agent and anti-caking agent and helps fertilizer plants and animal feeds function efficiently and can be used for fertilizers. Growing demand for industrial and marine coatings is also likely to enhance the need for Talc, as it is worn in industrial layers, which provide benefits, like corrosion protection, solvent reduction, and good adhesion. Thermoplastics are supplied to play an increasingly important role in accelerating future aircraft construction, as they offer multiple advantages, including short production times and low overall costs, compared to their thermoset counterparts. The surging demand for thermoplastics in the aerospace industry is likely to act as an opportunity in the future.

In May 2020, Amyris Inc., a leading synthetic biotechnology company in clean health and beauty markets, announced the launch of 'Baby Cream to Powder' under its Pipette baby brand, giving caring parents more choice and keeping babies safe.

In January 2020, Indian talc producer Golcha Associated added value through new talc applications, mainly to service the plastics and paint industries with new grades of finer and purer Talc, enabled by its investment in upgrading processing and technology.

The Global Talc Market report provides deep insight into the Talc market's current and future state across various regions. The study comprehensively analyzes the Talc market by segmenting based on Deposit (Talc Chlorite and Talc Carbonate), End-user Industry (Pulp and Paper, Plastics and Rubber, Paints and Coatings, Personal Care, Food and Beverage, Pharmaceuticals, and Other End-user Industries), and Geography (Asia-Pacific, North America, Europe, South America, and Middle-East and Africa). The report examines the market drivers and restraints, along with the impact of Covid-19 on the market growth, in detail. The study covers & includes emerging market trends, developments, opportunities, and challenges in the industry. This report also covers an extensively researched competitive landscape section with profiles of prominent companies, including their market shares and projects.

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