

The Global Market for Metal and Metal Oxide Nanoparticles 2010-2027

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Abstracts

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The Global Market for Metal and Metal Oxide Nanoparticles 2010-2027 brings you the very latest information and historical data on these advanced materials, covering production volumes, pricing, producers and end user market demand.

The properties of metal and metal oxide nanoparticles (also referred to as nanopowders or nanocrystals) display enhanced electrical, optical, magnetic and chemical properties from the bulk material of which they are made. Advances largely depend on the ability to synthesize nanoparticles of various materials, sizes, and shapes, as well as to efficiently assemble them into complex architectures. Most manufactured nanomaterials are available with varying shapes, sizes, composition, surface coatings and surface morphology. They offer a range of functionalities that are desirable in a number of sectors such as anti-bacterialism, anti-corrosion, easy-clean, thermal barrier, protective and UV-absorbent and combinations thereof.

Metal and Metal Oxide Nanoparticles Global Industry, Markets & Outlook

Their use will increase greatly in the next decade as they are manufactured in hundreds of thousands of tons for use in a diverse range of products in markets. These include consumer electronics, automobiles, paints and coatings, aerospace, sporting goods, household cleaning, construction and medicine.

The report "The Global Market for Metal and Metal Oxide Nanoparticles 2010-2027" covers the following nanoparticles, applications, markets and producers thereof:

Aluminium oxide nanoparticles

Antimony tin oxide nanoparticles

Bismuth oxide nanoparticles

Cerium oxide nanoparticles

Copper oxide nanoparticles

Gold nanoparticles

Hydroxyapatite nanoparticles

Iron oxide nanoparticles

Magnesium oxide nanoparticles

Manganese oxide nanoparticles

Nanoprecipitated calcium carbonate

Nanosilver

Nickel nanoparticles

Palladium nanoparticles

Silicon oxide nanoparticles

Titanium dioxide nanoparticles

Yttrium oxide nanoparticles

Zinc oxide nanoparticles

Zirconium oxide nanoparticles

Report contents include:

Global market demand metal and metal oxide nanoparticles, tons, to 2027, conservative and optimistic estimates

Historical market demand data

Demand for metal and metal oxide nanoparticles, by region (Europe, North America, Asia-Pacific, Rest of the World)

Demand for metal and metal oxide nanoparticles, by end user market

Applications of metal and metal oxide nanoparticles-High volume applications, low volume applications and novel applications

Metal and metal oxide nanoparticles price per kilogram, price per ton and estimated production totals

Metal and metal oxide nanoparticles producer profiles including products, prices and contact details.

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