1ST TIME IN ASIA COPPER BASED ANTI MICROBIAL MATERIAL

ANANT POLYMERS

Cares For Your Health

Manufacturer & Exporter of Copper Based Antimicrobial Material

www.nanocoppers.com

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ABOUT US :

We feel proud in introducing the material based on copper useful in anti-microbial activities. We being the foremost manufacturer and exporter of copper based anti-microbial material, our unwavering commitment is in delivering innovative solutions which will enable various industries by advancements in innovative technologies for boosting sales at all levels. Experience the difference that our material delivers by protecting the world from algae, bacteria, funguses, microbes and viruses.

VISION :

Our vision is to revolutionize industries such as plastics, polymers, fabrics, paints, tiles and coatings through copper anti-microbial material for healthy and protected from algae, bacteria, funguses, microbes and viruses by manufacturing sustainable copper based anti-microbial material. We strive for our business collaborators to create healthy and safe environment by eliminating algae, bacteria, funguses, microbes and viruses.

MISSION :

Our mission is to be a leading provider in the sector of copper based anti-microbial material by implementing advanced technology and sustainability for various industries worldwide. By using anti-algae, anti-bacterial, anti-fungal, anti-microbial and anti-viral copper based material we expect all business collaborators to participate in this mission for healthier and protected world.

ENVIRONMENTAL RESPONSIBILITY :

At Anant polymers, we take pride in our eco-friendly manufacturing processes that not only prioritize sustainability but also reduce waste. Our commitment is to perform corporate responsibility and dedication towards the environment. We invite all the business collaborators in building a better world by protecting mankind from algae, bacteria, funguses, microbes and viruses to join hands in securing it for future generation.

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Water Tanks


Pipes and Fittings


Paints


Tiles


PET Bottles


Toys


Furniture

DETAILS OF COPPER AND COPPER NANOPARTICLES

One of the earliest uses of copper nanoparticles was to color glass and ceramics during the ninth century in Mesopotamia. This was done by creating a glaze with copper and silver salts and applying it to clay pottery. When the pottery was baked at high temperatures in reducing conditions, the metal ions migrated to the outer part of the glaze and were reduced to metals. The end result was a double layer of metal nanoparticles with a small amount of glaze in between them. When the finished pottery was exposed to light, the light would penetrate and reflect off the first layer. The light penetrating the first layer would reflect off the second layer of nanoparticles and cause interference, the same is applied for manufacturing of ***Water Tanks, Pipes & Fittings, Toys, PET Bottles, Tiles, Paints, Furniture, Hardware Items, Electrical Equipments, Kitchenware, Computer Cabinet Accessories, Watches, Diapers, Fabrics, Conductive Paste, Lubricant Additives*** in Modern Times.

Copper nanoparticles display unique characteristics including catalytic and antifungal/ antibacterial activities. First of all, copper nanoparticles demonstrate a very strong catalytic activity, a property that can be attributed to their large catalytic surface area. With the small size and great porosity, the nanoparticles are able to achieve a higher reaction yield and a shorter reaction time when utilized as reagents in organic and organometallic synthesis. Copper nanoparticles that are extremely small and have a high surface to volume ratio can also serve as antifungal/antibacterial agents. The antimicrobial activity is induced by their close interaction with microbial membranes and their metal ions released in solutions.

A copper nanoparticle is a copper based particle 1 to 100 nm in size. Like many other forms of nanoparticles, a copper nanoparticle can be prepared by natural processes or through chemical synthesis. These nanoparticles are of particular interest due to their historical application as coloring agents and the biomedical as well as the antimicrobial ones.


Hardware Items


Electrical Equipments


Kitchenware


Computer Cabinet Accessories


Watches


Diapers


Fabrics

BENEFITS OF COPPER NANOPARTICLES

- 100% Organic
- Anti Algae
- Anti Bacterial
- Anti Fungal
- Anti-Microbial
- Anti Viral
- It Covers 100% Surface Area
- Long Lasting Material
- Non Toxic
- Environmental Friendly
- High Activity of CUNPs
- Wide Range Of Applications

Water Tanks

Pipes and Fittings

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PET Bottles

Electrical Equipments

Furniture

Diapers

Paints

Computer Cabinet Accessories

Watches

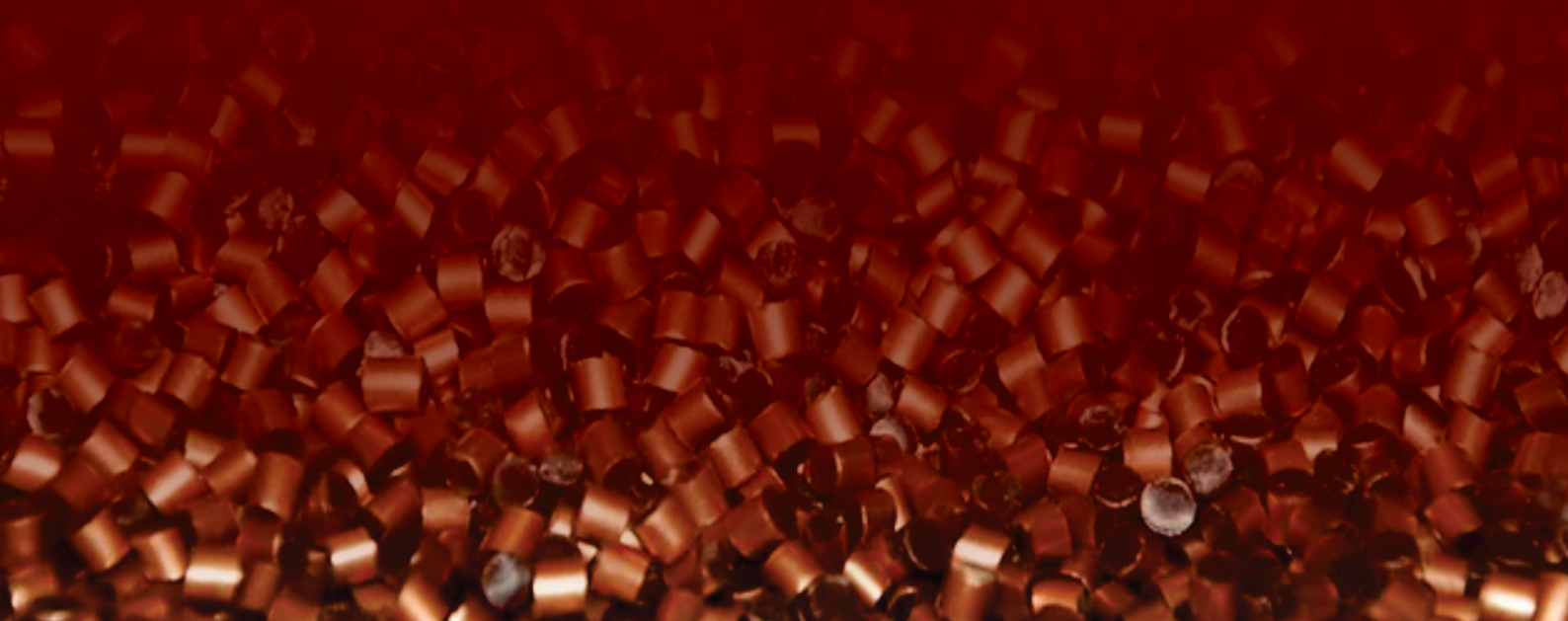
Tiles

Hardware Items

Conductive Paste

Fabrics

Lubricant Additives



Sales ka BRAHMASTRA

"Introducing A Game-changing Solution That Can Skyrocket Your Product Sales And Establish Your Brand As A Leader In The Market. A Path To The Success With Our Copper Based Anti Microbial Material "

- MESSAGE FROM MANAGING DIRECTOR

ANANT
COPPER
ANTI MICROBIAL

Building Dynamic Relations,
Delivering Systematic Excellence !

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