

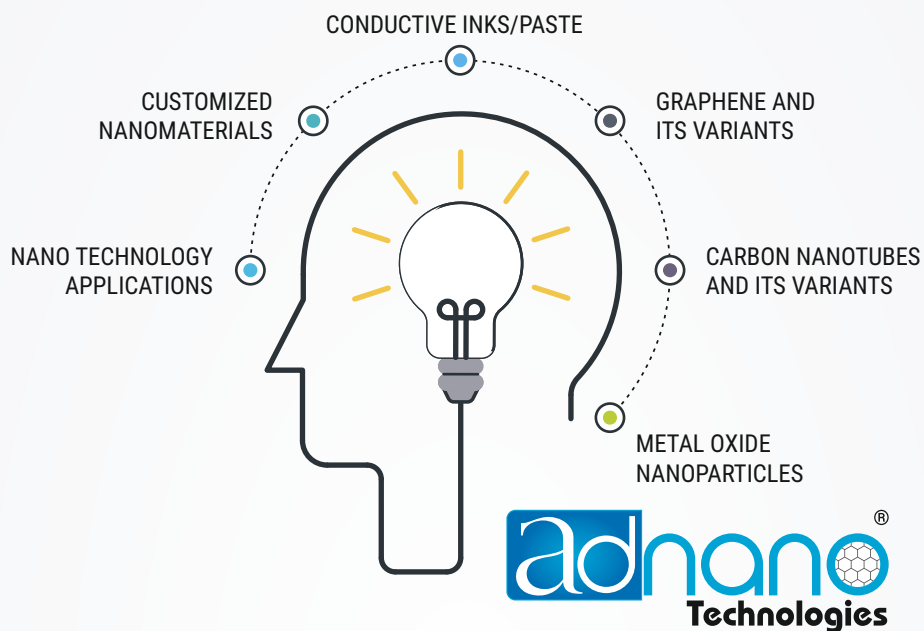
OUR MISSION

To be a reputable and indigenous nanotechnology-based company which helps our customers to go beyond the limits of current technologies and successfully engineer their future with our nanotechnology based value-added products.



OUR VISION

Improve the living standards of people by adding our nanotechnology-based products in their life.



ABOUT US

One of the premier Nanotechnology-based company founded in the year 2013 in Shivamogga, Karnataka, India. We work on the horizon of Nanotechnology, with an aim to add Nanotechnology in Life. We are into nanomaterials manufacturing and application development, where we manufacture Graphene, various forms of Carbon Nanotubes and other metal-based nanoparticles in bulk quantity. AD-NANO Technologies is a manufacturer and R&D representation company dedicated to providing innovative solutions in the technological field by introducing nano technology in it.

Our TEAM of scientists and engineers are developing various applications related to nanotechnology by doing enormous R&D in the field with a passion to add nanotechnology in life.

We have bridged the gap between inspiration and innovation by connecting our customers with the nanotechnology in their lives which is required to solve their engineering & technical problems, also to upgrade the technology to the next generation.

We also manufacture conductive inks like Carbon nanotubes conductive inks, Graphene conductive ink, Graphite conductive ink, which are widely used in industrial sectors and in the area of research and development programs.

AD-GRAPHENE



We manufacture VARIOUS GRADES OF GRAPHENE in bulk quantity by chemical exfoliation methods on which further treatment is included for purification with multiple points of quality check.

We can also provide Graphene based dispersions in various Solvents, Resins and Polymer Masterbatch with incorporation of Graphene.

Advantages of Graphene

- Improve Thermal Properties*
- Improve Mechanical Properties*
- Improve Electrical Properties*

Applications of Graphene

- Used To Improve The Properties Of Thermoplastics
- Used To Make Anti-corrosion Paints & Coatings
- Used To Improve The Battery Applications.



To know more
about our product
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Graphene Nano Powder

ITEM-CODE	PRODUCT	PURITY/RATIO	DIMENSION	THICKNESS	PACKAGE SIZE - GRAMS	PACKAGE SIZE - KG
ADG-A+	Graphene A+	>99%	<1 µm	0.8-1.6 nm	5/10/25/50/100/250/500	1/5/10
ADG-D	Graphene -D	>99%	1-2 µm	5-10 nm	5/10/25/50/100/250/500	1/5/10/25 and more
ADG-P	Graphene -P	>99%	<10 µm	1-5 nm	5/10/25/50/100/250/500	1/5/10/25 and more
ADG-X	Graphene-X	>99%	<20 µm	5-10 nm	5/10/25/50/100/250/500	1/5/10/25 and more
ADGOH	OH Functionalised Graphene	OH ratio: ~2-5	5-10 µm	5-10 nm	5/10/25/50/100/250/500	1/5/10/25 and more
ADGCOOH	COOH Functionalised Graphene	COOH ratio: ~2-5	5-10 µm	5-10 nm	5/10/25/50/100/250/500	1/5/10/25 and more
ADGNH ₂	NH ₂ Functionalised Graphene	NH ₂ ratio: ~2-5	5-10 µm	5-10 nm	5/10/25/50/100/250/500	1/5/10/25 and more

Graphene Dispersion in Various Solvents and Resins

ITEM-CODE	PRODUCTS OF DISPERSIONS	RATIO OF CONTENT	QUANTITY IN LITER
AD-CGHC	Graphene Nanoparticles Dispersions in Water	0.1%, 0.2%, 0.5%, 1%, 2%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CGXC	Graphene Nanoparticles Dispersions in Xylene	0.1%, 0.2%, 0.5%, 1%, 2%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CGEC	Graphene Nanoparticles Dispersions in Epoxy	0.1%, 0.2%, 0.5%, 1%, 2%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CGPC	Graphene Nanoparticles Dispersions in PU	0.1%, 0.2%, 0.5%, 1%, 2%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CGAC	Graphene Nanoparticles Dispersions in Acrylic	0.1%, 0.2%, 0.5%, 1%, 2%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CGCC	Graphene Nanoparticles Dispersions in Customized Solvents	0.1%, 0.2%, 0.5%, 1%, 2%, Customize	1 / 5 / 25 / 50 / 200 Liter

Note: C will be replaced with concentration and Quantity

Graphene Based Polymer Masterbatch

ITEM-CODE	PRODUCTS OF MASTERBATCH	RATIO OF CONTENT	QUANTITY IN BAG
ADG-LLDPE-MB	Graphene LLDPE Masterbatch	5% and Customized	10 Kg and 25 Kg Bag
ADG-PP-MB	Graphene PP Masterbatch	5% and Customized	10 Kg and 25 Kg Bag
ADG-PC-MB	Graphene PC Masterbatch	5% and Customized	10 Kg and 25 Kg Bag
ADG-ABS-MB	Graphene ABS Masterbatch	5% and Customized	10 Kg and 25 Kg Bag
ADG-HDPE-MB	Graphene HDPE Masterbatch	5% and Customized	10 Kg and 25 Kg Bag
ADG-PA66-MB	Graphene PA66 Masterbatch	5% and Customized	10 Kg and 25 Kg Bag
ADG-PVC-MB	Graphene PVC Masterbatch	5% and Customized	10 Kg and 25 Kg Bag

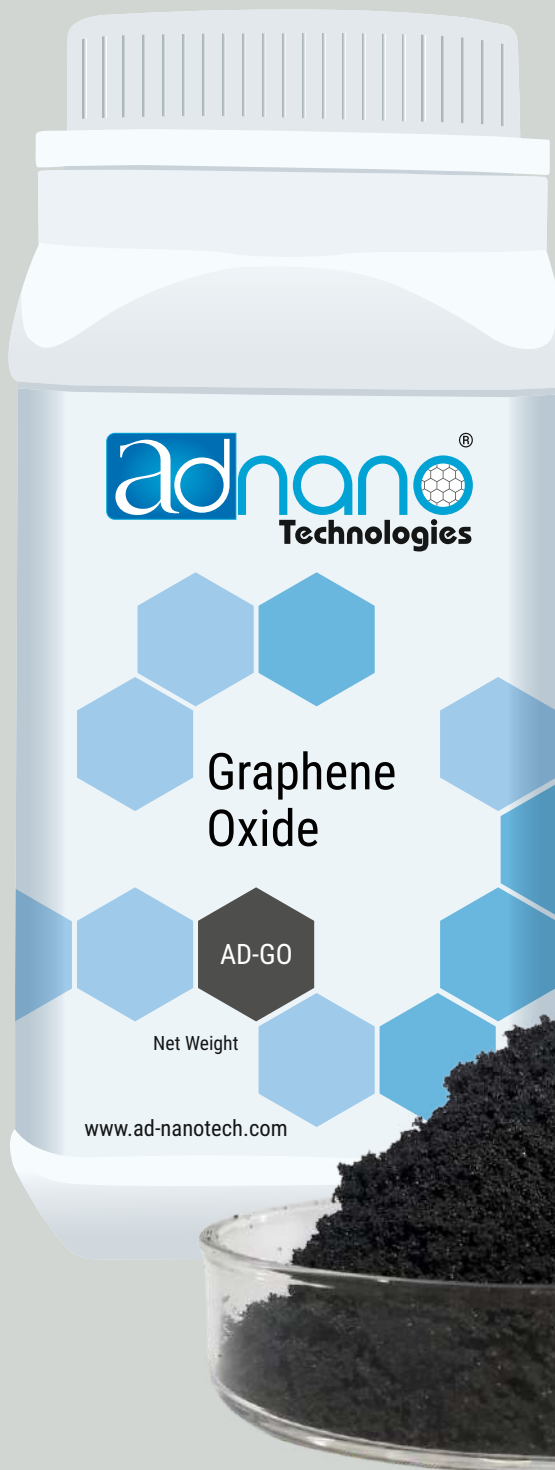


POWDER

DISPERSIONS

POLYMER MASTERBATCH

AD- GRAPHENE OXIDE



Graphene oxide is produced from the modified hummers method. Graphene oxide is an oxidised form of Graphene, laced with Oxygen-containing groups. It is Electrically insulating due to a disruptive SP^2 bonding network but it can be converted conductive by restoring- network.

We can also provide Graphene Oxide based dispersions in various Solvents, Resins and Polymer Masterbatch with incorporation of Graphene Oxide.

Advantages of Graphene Oxide

*Improve Thermal Properties
Improve Mechanical Properties
Improve Electrical Properties*

Applications of Graphene Oxide

Graphene Oxide easy Dispersibility in water and other Organic Solvents, as well as in different polymer matrixes it has a wide range of applications where the homogenous mixing of a minute quantity of Graphene variant is required to improve Mechanical, Barrier and other properties.



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Graphene Oxide Powder

ITEM-CODE	PRODUCT	THICKNESS (Z)	DIMENSION (X&Y)	PACKAGE SIZE - GRAMS	PACKAGE SIZE - KG
AD-GO	Graphene Oxide Powder	~0.8-2 nm	~5-10 μm	5/10/25/50/100/250/500	1/5/10/25 and more

Graphene Oxide Dispersions

ITEM-CODE	PRODUCTS OF DISPERSIONS	RATIO OF CONTENT	QUANTITY IN LITER
AD-CGOHC	Graphene Oxide Nanoparticles Dispersions in Water	0.1%, 0.2%, 0.5%, 1%, 2%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CGOXC	Graphene Oxide Nanoparticles Dispersions in Xylene	0.1%, 0.2%, 0.5%, 1%, 2%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CGOEC	Graphene Oxide Nanoparticles Dispersions in Epoxy	0.1%, 0.2%, 0.5%, 1%, 2%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CGOPC	Graphene Oxide Nanoparticles Dispersions in PU	0.1%, 0.2%, 0.5%, 1%, 2%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CGOAC	Graphene Oxide Nanoparticles Dispersions in Acrylic	0.1%, 0.2%, 0.5%, 1%, 2%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CGOCC	Graphene Oxide Nanoparticles Dispersions Customized	0.1%, 0.2%, 0.5%, 1%, 2%, Customize	1 / 5 / 25 / 50 / 200 Liter

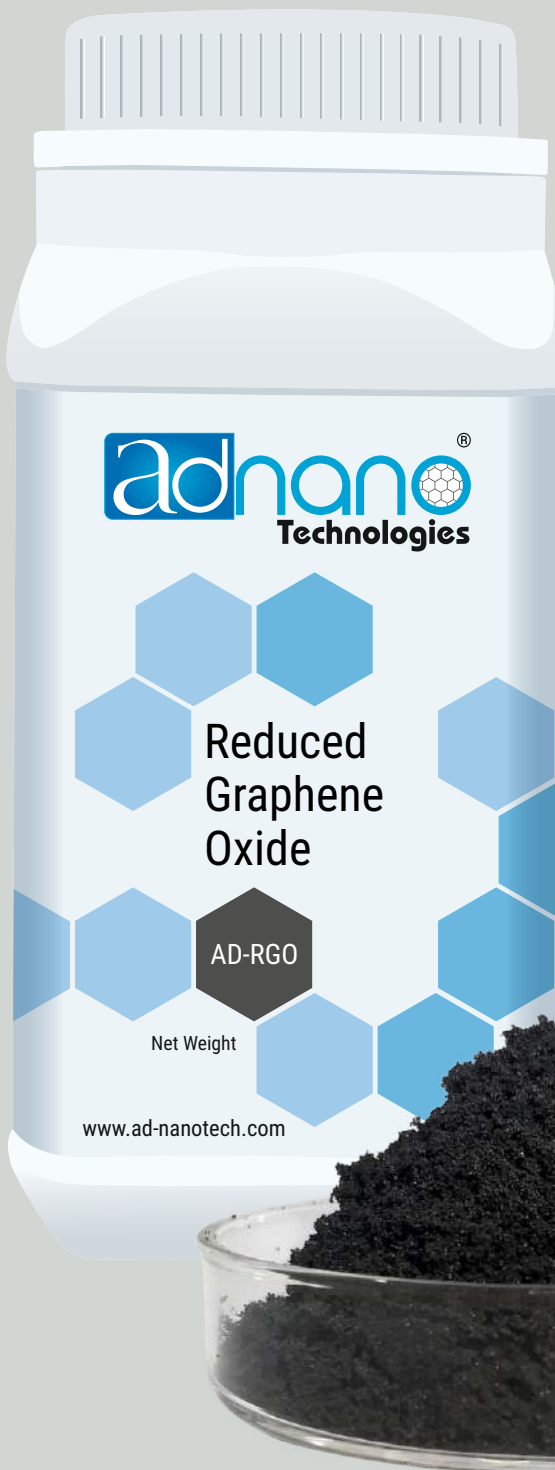
Note: C will be replaced with concentration and Quantity

Graphene Oxide Based Polymer Masterbatch

ITEM-CODE	PRODUCTS OF MASTERBATCH	RATIO OF CONTENT	QUANTITY IN BAG
ADGO-LLDPE-MB	Graphene Oxide LLDPE Masterbatch	5% and Customized	10 Kg and 25 Kg Bag
ADGO-PP-MB	Graphene Oxide PP Masterbatch	5% and Customized	10 Kg and 25 Kg Bag
ADGO-PC-MB	Graphene Oxide PC Masterbatch	5% and Customized	10 Kg and 25 Kg Bag
ADGO-ABS-MB	Graphene Oxide ABS Masterbatch	5% and Customized	10 Kg and 25 Kg Bag
ADGO-HDPE-MB	Graphene Oxide HDPE Masterbatch	5% and Customized	10 Kg and 25 Kg Bag
ADGO-PA66-MB	Graphene Oxide PA66 Masterbatch	5% and Customized	10 Kg and 25 Kg Bag
ADGO-PVC-MB	Graphene Oxide PVC Masterbatch	5% and Customized	10 Kg and 25 Kg Bag



AD-REDUCED GRAPHENE OXIDE



Reduced Graphene Oxide is a reduced form of Graphene Oxide. It is achieved by the Reduction of Graphene Oxide which was produced from a modified hummers method. It must be considered that once most of the Oxygen groups are removed.

We can also provide Reduced Graphene Oxide based dispersions in various Solvents, Resins and Polymer Masterbatches.

Advantages of Reduced Graphene Oxide

*High Aspect Ratio, Very Thin Exfoliated Sheets
Improve Mechanical Properties
Improve the Electrical Properties*

Applications of Reduce Graphene Oxide

RGO are conductive and can be stored longer without agglomeration, they have been used for high-capacity energy storage as well as in different polymer matrixes to improve Mechanical, Electrical, Barrier and other properties.



To know more about our product visit our website

Reduced Graphene Oxide Powder

ITEM-CODE	PRODUCT	THICKNESS (Z)	DIMENSION (X&Y)	PACKAGE SIZE - GRAMS	PACKAGE SIZE - KG
AD-RGO	Reduced Graphene Oxide Powder	~0.8-2 nm	~5-10 μm	5/10/25/50/100/250/500	1/5/10/25

Reduced Graphene Oxide Dispersions

ITEM-CODE	PRODUCTS OF DISPERSIONS	RATIO OF CONTENT	QUANTITY IN LITER
AD-CRGOHC	Reduced Graphene Oxide Nanoparticles Dispersions in Water	0.1%, 0.2%, 0.3%, and, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CRGOXC	Reduced Graphene Oxide Nanoparticles Dispersions in Xylene	0.1%, 0.2%, 0.3%, and, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CRGOEC	Reduced Graphene Oxide Nanoparticles Dispersions in Epoxy	0.1%, 0.2%, 0.3%, and, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CRGOPC	Reduced Graphene Oxide Nanoparticles Dispersions in PU	0.1%, 0.2%, 0.3%, and, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CRGOAC	Reduced Graphene Oxide Nanoparticles Dispersions in Acrylic	0.1%, 0.2%, 0.3%, and, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CRGOCC	Reduced Graphene Oxide Nanoparticles Dispersions Customized	0.1%, 0.2%, 0.3%, and, Customize	1 / 5 / 25 / 50 / 200 Liter

Note: C will be replaced with Concentration and Quantity

Reduced Graphene Oxide Based Polymer Masterbatch

ITEM-CODE	PRODUCTS OF MASTERBATCH	RATIO OF CONTENT	QUANTITY IN BAG
ADRGO-LLDPE-MB	Reduced Graphene Oxide LLDPE Masterbatch	0.5% and Customized	10 Kg and 25 Kg Bag
ADRGO-PP-MB	Reduced Graphene Oxide PP Masterbatch	0.5% and Customized	10 Kg and 25 Kg Bag
ADRGO-PC-MB	Reduced Graphene Oxide PC Masterbatch	0.5% and Customized	10 Kg and 25 Kg Bag
ADRGO-ABS-MB	Reduced Graphene Oxide ABS Masterbatch	0.5% and Customized	10 Kg and 25 Kg Bag
ADRGO-HDPE-MB	Reduced Graphene Oxide HDPE Masterbatch	0.5% and Customized	10 Kg and 25 Kg Bag
ADRGO-PA66-MB	Reduced Graphene Oxide PA66 Masterbatch	0.5% and Customized	10 Kg and 25 Kg Bag
ADRGO-PVC-MB	Reduced Graphene Oxide PVC Masterbatch	0.5% and Customized	10 Kg and 25 Kg Bag

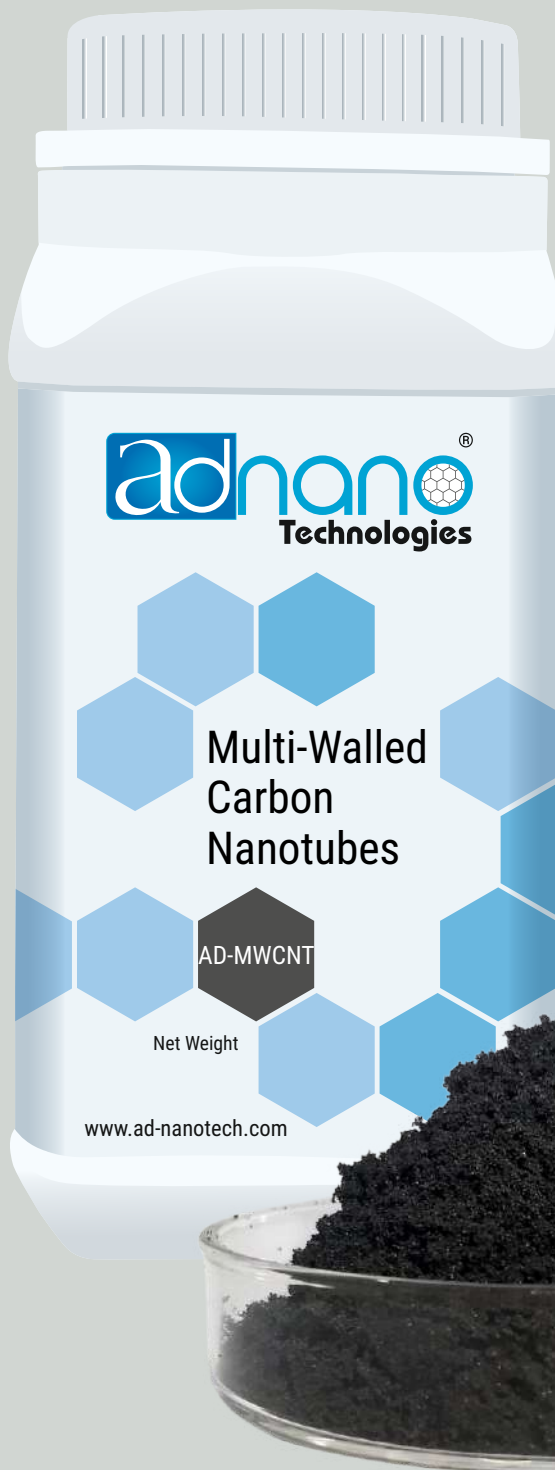


POWDER

DISPERSIONS

POLYMER MASTERBATCH

AD- MULTI-WALLED CARBON NANOTUBES



We make purified multiwalled carbon nanotubes by further treatment on the carbon nanotubes which was produced from chemical vapour deposition method with multiple points of quality checks

We can also provide MWCNT based dispersions in various Solvents, Resins and Polymer Masterbatch with incorporation of MWCNT.

Advantages of Multi-Walled Carbon Nanotubes

*Improve Thermal Properties
Improve Mechanical Properties
Improve Electrical Properties*

Applications of Multi-Walled Carbon Nanotubes

MWCNT improves the Mechanical Performance, Thermal Conductivity, Electrical Conductivity and permeation barrier properties of a range of composites and formulations. In purified MWCNT, the carbon nanotubes are entirely disassociated ensuring good dispersion and ease of handling while providing the full performance advantages of carbon nanotubes.



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Multi-Walled Carbon Nanotubes

ITEM-CODE	PRODUCT	DIAMETER	LENGTH	PURITY	PACKAGE SIZE - GRAMS	PACKAGE SIZE - KG
AD-MWCNT	Multi-Walled Carbon Nanotubes	~10-20 nm	~10 μm	~99%	5/10/25/50/100/250/500	1/5/10/25 and more
AD-MWCNT-D	Multi-Walled Carbon Nanotubes	~10-30 nm	~1 μm	~99%	5/10/25/50/100/250/500	1/5/10/25 and more

Multi-Walled Carbon Nanotubes Dispersions

ITEM-CODE	PRODUCTS OF DISPERSIONS	RATIO OF CONTENT	QUANTITY IN LITER
AD-CCNTHC	MWCNT Dispersions in Water	0.1%, 0.2%, 0.5%, 1% Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CCNTXC	MWCNT Dispersions in Xylene	0.1%, 0.2%, 0.5%, 1% Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CCNTEC	MWCNT Dispersions in Epoxy	0.1%, 0.2%, 0.5%, 1% Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CCNTPC	MWCNT Dispersions in PU	0.1%, 0.2%, 0.5%, 1% Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CCNTAC	MWCNT Dispersions in Acrylic	0.1%, 0.2%, 0.5%, 1% Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CCNTCC	MWCNT Dispersions Customized	0.1%, 0.2%, 0.5%, 1% Customize	1 / 5 / 25 / 50 / 200 Liter

Note: C will be replaced with Concentration and Quantity

MWCNT Based Polymer Masterbatch

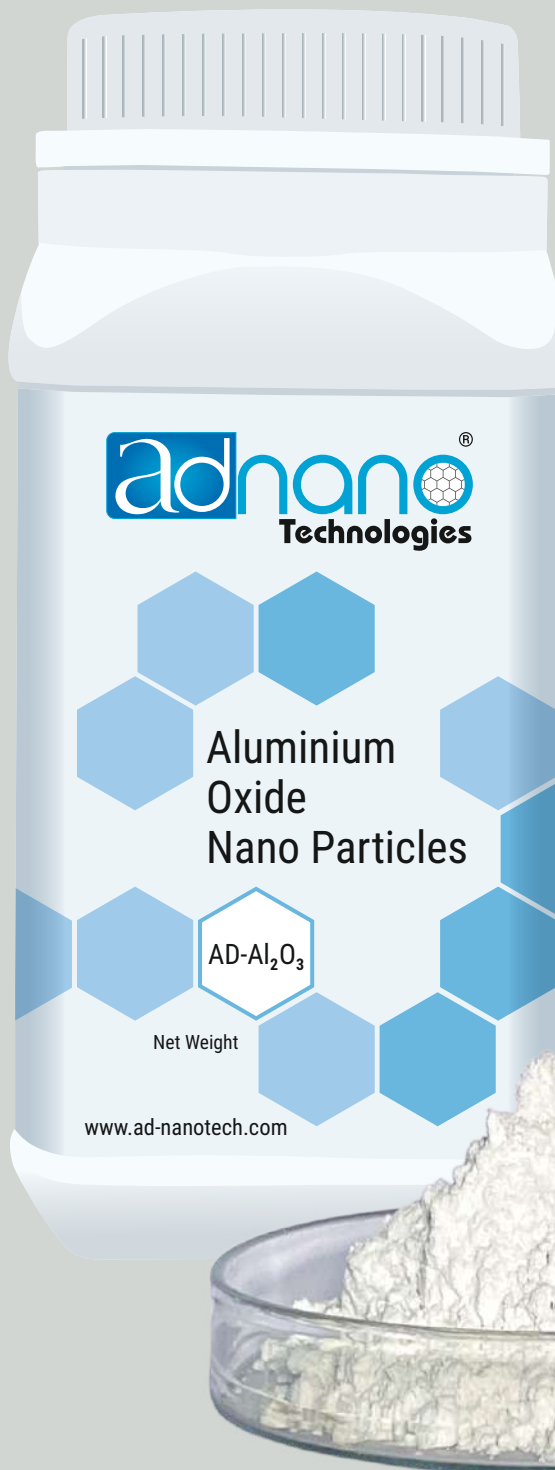
ITEM-CODE	PRODUCTS OF MASTERBATCH	RATIO OF CONTENT	QUANTITY IN BAG
ADMWCNT-LLDPE-MB	MWCNT LLDPE Masterbatch	1%, 3%, and Customized	10 Kg and 25 Kg Bag
ADMWCNT-PP-MB	MWCNT PP Masterbatch	1%, 3%, and Customized	10 Kg and 25 Kg Bag
ADMWCNT-PC-MB	MWCNT PC Masterbatch	1%, 3%, and Customized	10 Kg and 25 Kg Bag
ADMWCNT-ABS-MB	MWCNT ABS Masterbatch	1%, 3%, and Customized	10 Kg and 25 Kg Bag
ADMWCNT-HDPE-MB	MWCNT HDPE Masterbatch	1%, 3%, and Customized	10 Kg and 25 Kg Bag
ADMWCNT-PA66-MB	MWCNT PA66 Masterbatch	1%, 3%, and Customized	10 Kg and 25 Kg Bag
ADMWCNT-PVC-MB	MWCNT PVC Masterbatch	1%, 3%, and Customized	10 Kg and 25 Kg Bag



AD- ALUMINIUM OXIDE NANOPARTICLES

Aluminium oxide (Al_2O_3) nano particles are manufactured with multi-points of quality checks.

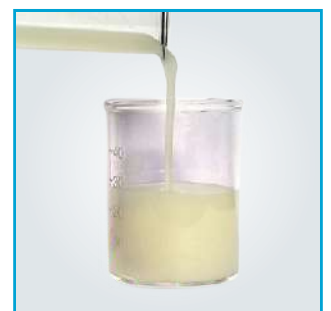
We can also provide Aluminium Oxide Nanoparticles based dispersions in various Solvents and Resins.

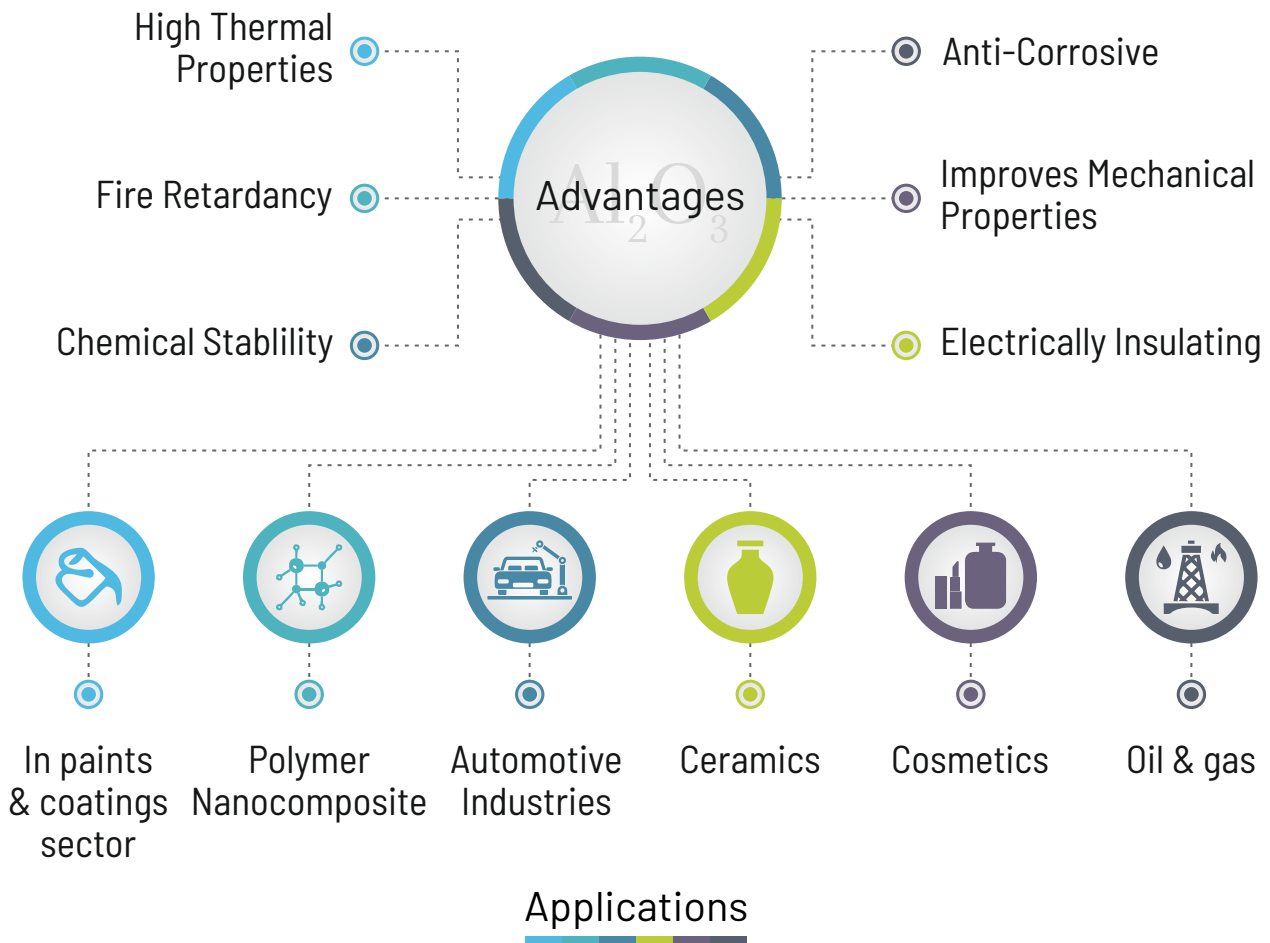


Al_2O_3	Description
Purity	> 99%
Average Particle Size	< 100 nm
SSA	~110 m^2/g
Bulk Density	0.6 g/cm^3



To know more
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Aluminium Oxide Nanoparticles

ITEM-CODE	PRODUCT	PURITY	APS	PACKAGE SIZE - GRAMS	PACKAGE SIZE - KG
AD-Al ₂ O ₃	Aluminium Oxide Nanoparticles	>99%	<100 nm	5 /10/25/50/100/250/500	1 /5/10/25 and more

Aluminium Oxide Nanoparticles Dispersions

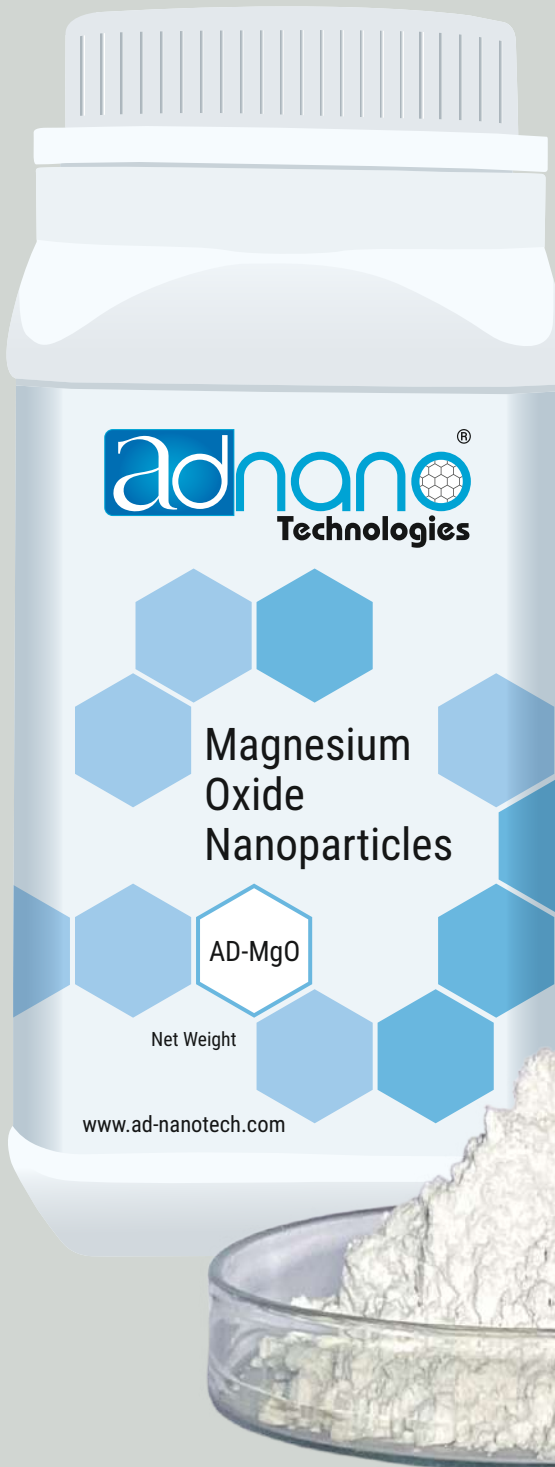
ITEM-CODE	PRODUCTS OF DISPERSIONS	RATIO OF CONTENT	QUANTITY IN LITER
AD-CAHC	Aluminium Oxide Nanoparticles Dispersions in Water	0.1%, 0.2%, 0.5%. 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CAXC	Aluminium Oxide Nanoparticles Dispersions in Xylene	0.1%, 0.2%, 0.5%. 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CAEC	Aluminium Oxide Nanoparticles Dispersions in Epoxy	0.1%, 0.2%, 0.5%. 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CAPC	Aluminium Oxide Nanoparticles Dispersions in PU	0.1%, 0.2%, 0.5%. 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CAAC	Aluminium Oxide Nanoparticles Dispersions in Acrylic	0.1%, 0.2%, 0.5%. 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CACC	Aluminium Oxide Nanoparticles Dispersions Customized	0.1%, 0.2%, 0.5%. 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter

Note: C will be replaced with Concentration and Quantity

POWDER

DISPERSIONS

AD- MAGNESIUM OXIDE NANOPARTICLES



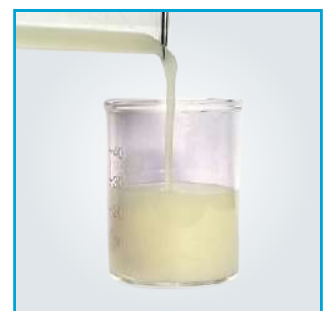
Magnesium oxide (MgO) nano particles are manufactured with multi-points of quality checks.

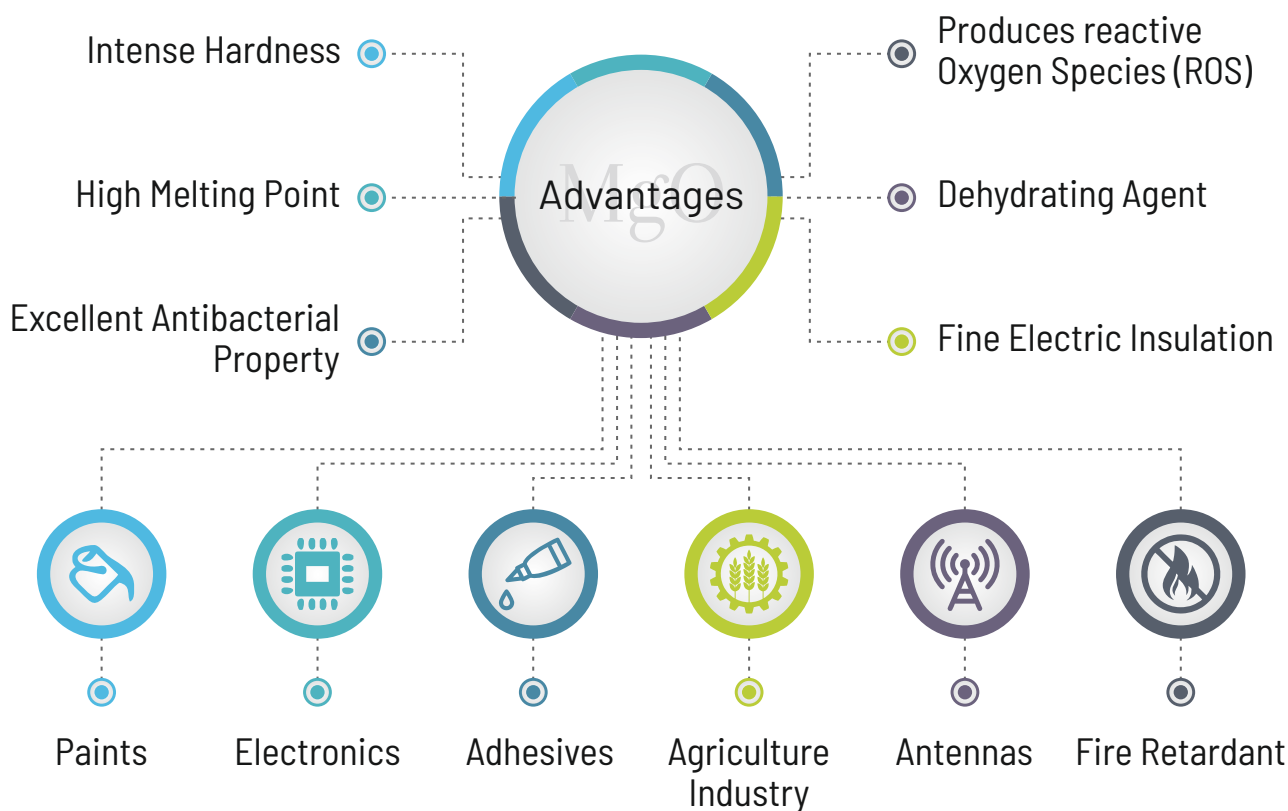
We can also provide Magnesium Oxide Nanoparticles based dispersions in various Solvents, and Resins.

MgO	Description
Purity	> 99%
Average Particle Size	<100 nm
SSA	110-130 m ² /g
Bulk Density	1.07 g/cm ³



To know more about our product visit our website





Magnesium Oxide Nanoparticles

ITEM-CODE	PRODUCT	PURITY	APS	PACKAGE SIZE - GRAMS	PACKAGE SIZE - KG
AD-MgO	Magnesium Oxide Nanoparticles	>99%	<100 nm	5 / 10 / 25 / 50 / 100 / 250 / 500	1 / 5 / 10 / 25 and more

Magnesium Oxide Nanoparticles Dispersions

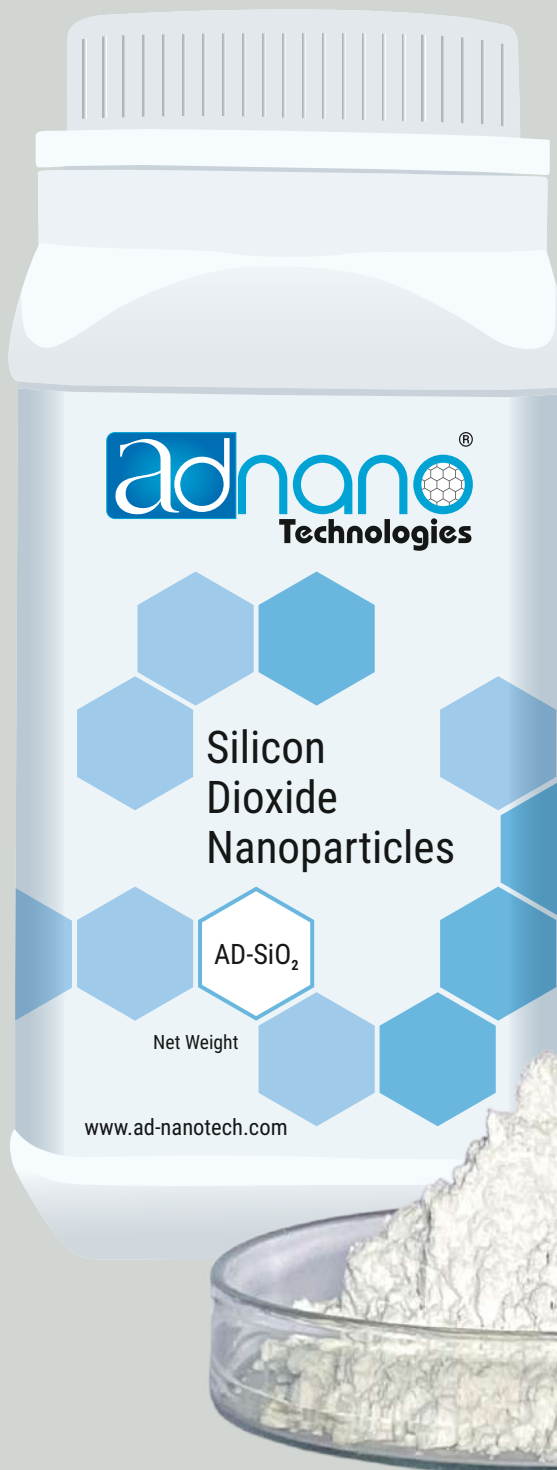
ITEM-CODE	PRODUCTS OF DISPERSIONS	RATIO OF CONTENT	QUANTITY IN LITER
AD-CMHC	Magnesium Oxide Nanoparticles Dispersions in Water	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CMXC	Magnesium Oxide Nanoparticles Dispersions in Xylene	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CMEC	Magnesium Oxide Nanoparticles Dispersions in Epoxy	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CMPC	Magnesium Oxide Nanoparticles Dispersions in PU	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CMAC	Magnesium Oxide Nanoparticles Dispersions in Acrylic	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CMCC	Magnesium Oxide Nanoparticles Dispersions Customized	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter

Note: C will be replaced with Concentration and Quantity

POWDER

DISPERSIONS

AD- SILICON DIOXIDE NANOPARTICLES



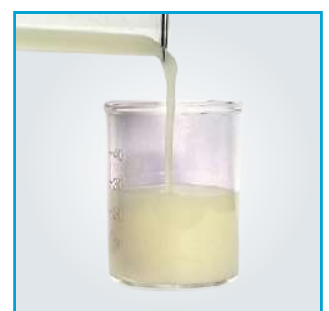
Silicon Dioxide (SiO_2) nano particles are manufactured with multi-points of quality checks.

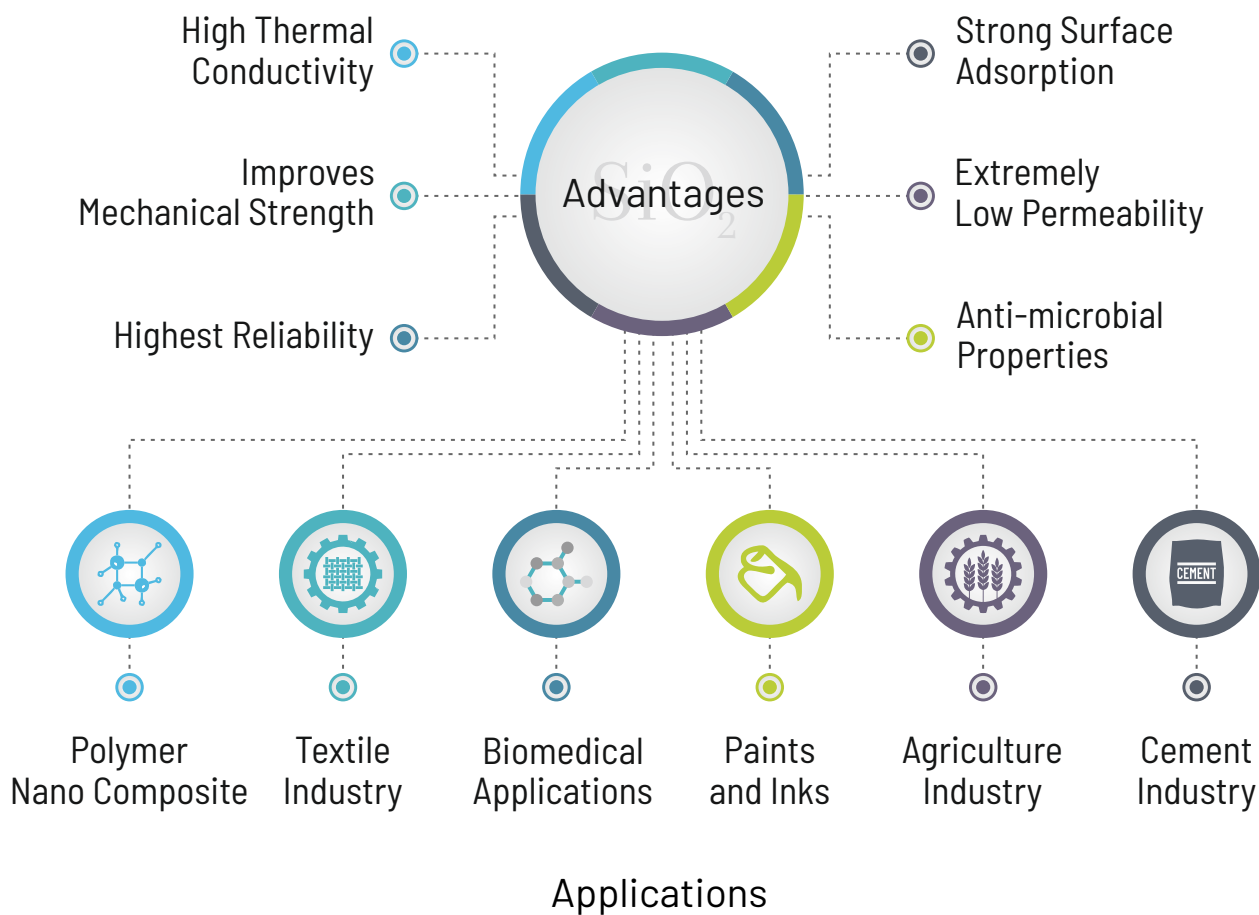
We can also provide Silicon Dioxide Nanoparticles based dispersions in various Solvents, and Resins.

SiO_2	Description
Purity	> 99%
Average Particle Size	< 100 nm
SSA	~220 m^2/g
Bulk Density	0.3 g/cm^3



To know more about our product visit our website





Silicon Dioxide Nanoparticles

ITEM-CODE	PRODUCT	PURITY	APS	PACKAGE SIZE - GRAMS	PACKAGE SIZE - KG
AD-SiO ₂	Silicon Dioxide Nanoparticles	>99%	< 100 nm	5 / 10 / 25 / 50 / 100 / 250 / 500	1 / 5 / 10 / 25 and more

Silicon Dioxide Nanoparticles Dispersions

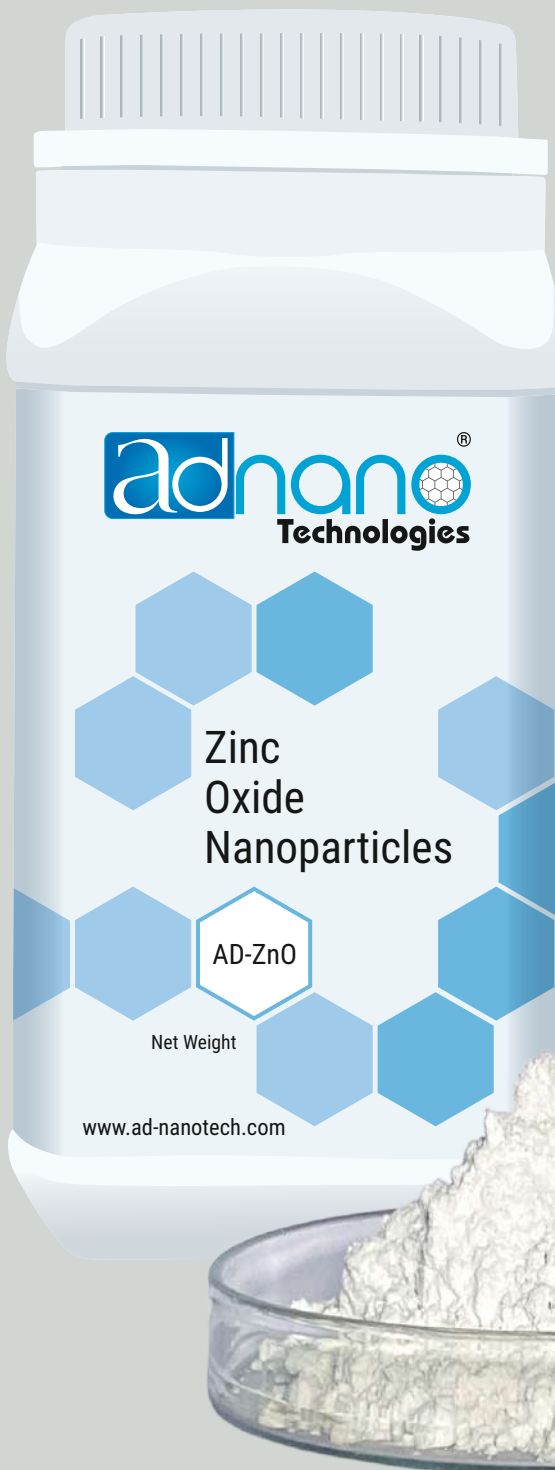
ITEM-CODE	PRODUCTS OF DISPERSIONS	RATIO OF CONTENT	QUANTITY IN LITER
AD-CSHC	Silicon Dioxide Nanoparticles Dispersions in Water	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CSXC	Silicon Dioxide Nanoparticles Dispersions in Xylene	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CSEC	Silicon Dioxide Nanoparticles Dispersions in Epoxy	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CSPC	Silicon Dioxide Nanoparticles Dispersions in PU	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CSAC	Silicon Dioxide Nanoparticles Dispersions in Acrylic	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CSCC	Silicon Dioxide Nanoparticles Dispersions Customized	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter

Note: C will be replaced with Concentration and Quantity

POWDER

DISPERSIONS

AD- ZINC OXIDE NANOPARTICLES



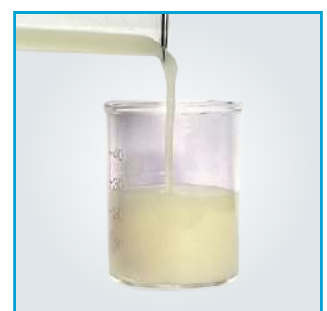
Zinc oxide (ZnO) nanoparticles are manufactured with multi-points of quality checks.

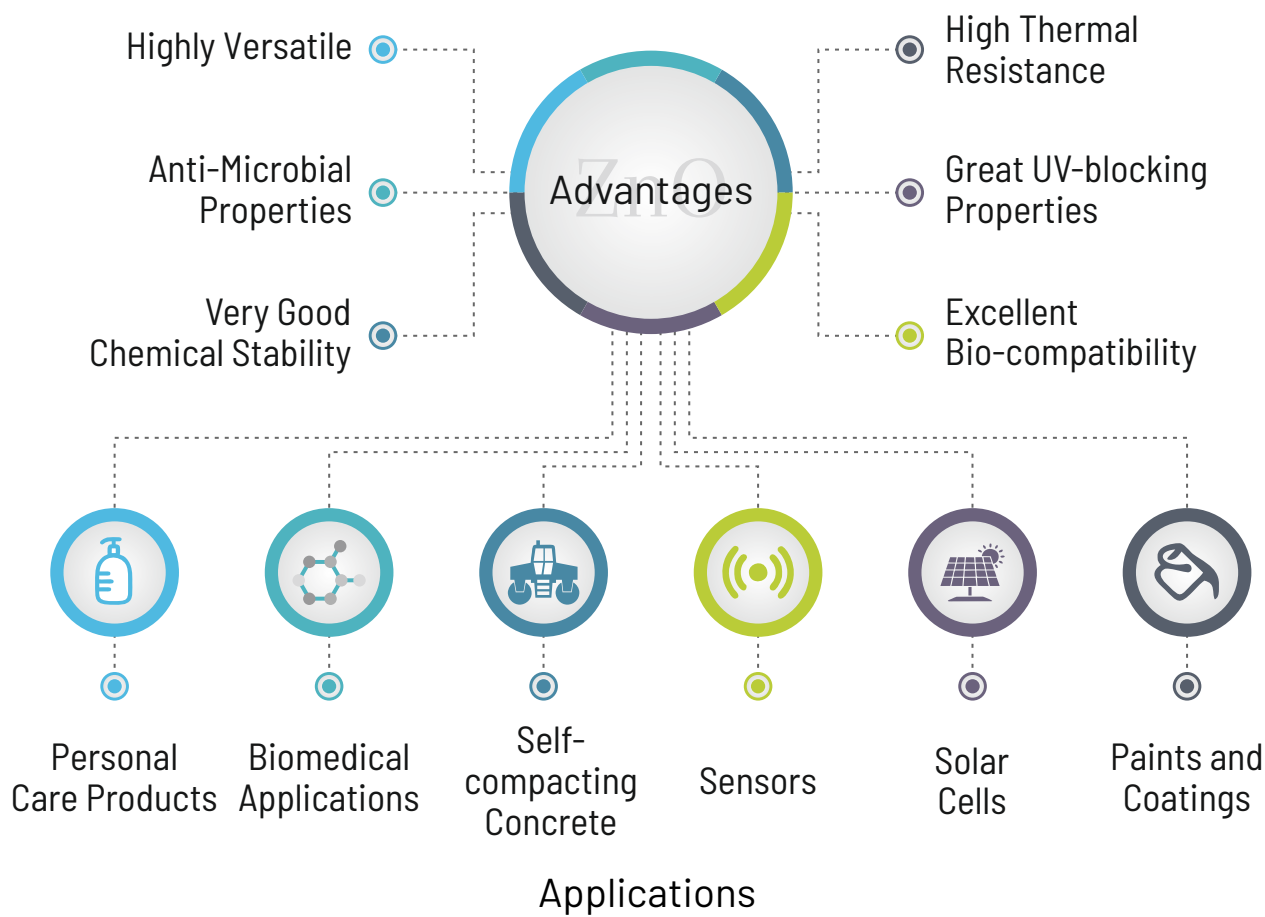
We can also provide ZnO Nanoparticles based dispersions in various Solvents, and

ZnO	Description
Purity	> 99%
Average Particle Size	< 100 nm
SSA	100-120 m ² /g
Bulk Density	0.54 g/cm ³



To know more about our product visit our website





Zinc Oxide Nanoparticles

ITEM-CODE	PRODUCT	PURITY	APS	PACKAGE SIZE - GRAMS	PACKAGE SIZE - KG
AD-ZnO	Zinc Oxide Nanoparticles	> 99%	< 100 nm	5 / 10 / 25 / 50 / 100 / 250 / 500	1 / 5 / 10 / 25 and more

Zinc Oxide Nanoparticles Dispersions

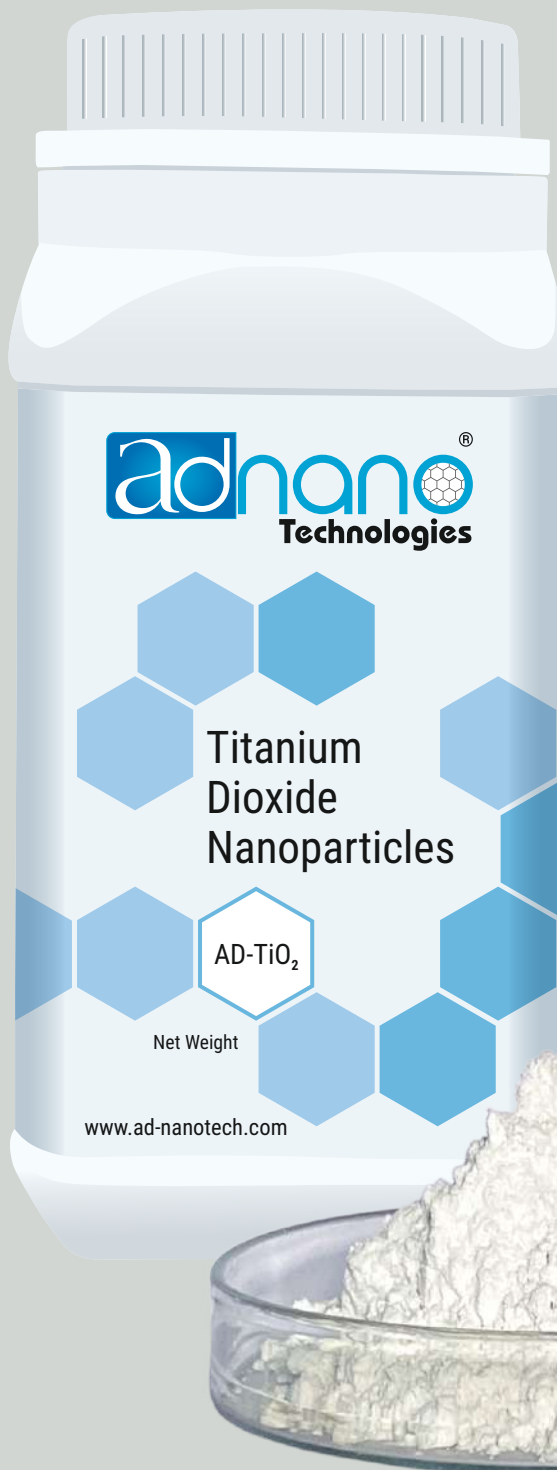
ITEM-CODE	PRODUCTS OF DISPERSIONS	RATIO OF CONTENT	QUANTITY IN LITER
AD-CZHC	Zinc Oxide Nanoparticles Dispersions in Water	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CZXC	Zinc Oxide Nanoparticles Dispersions in Xylene	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CZEC	Zinc Oxide Nanoparticles Dispersions in Epoxy	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CZPC	Zinc Oxide Nanoparticles Dispersions in PU	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CZAC	Zinc Oxide Nanoparticles Dispersions in Acrylic	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CZCC	Zinc Oxide Nanoparticles Dispersions Customized	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter

Note: C will be replaced with Concentration and Quantity

POWDER

DISPERSIONS

AD-TITANIUM DIOXIDE NANOPARTICLES



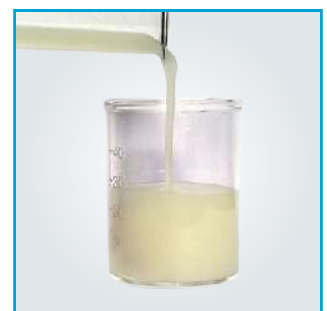
Titanium Dioxide (TiO_2) nanoparticles are manufactured with multi-points of quality checks.

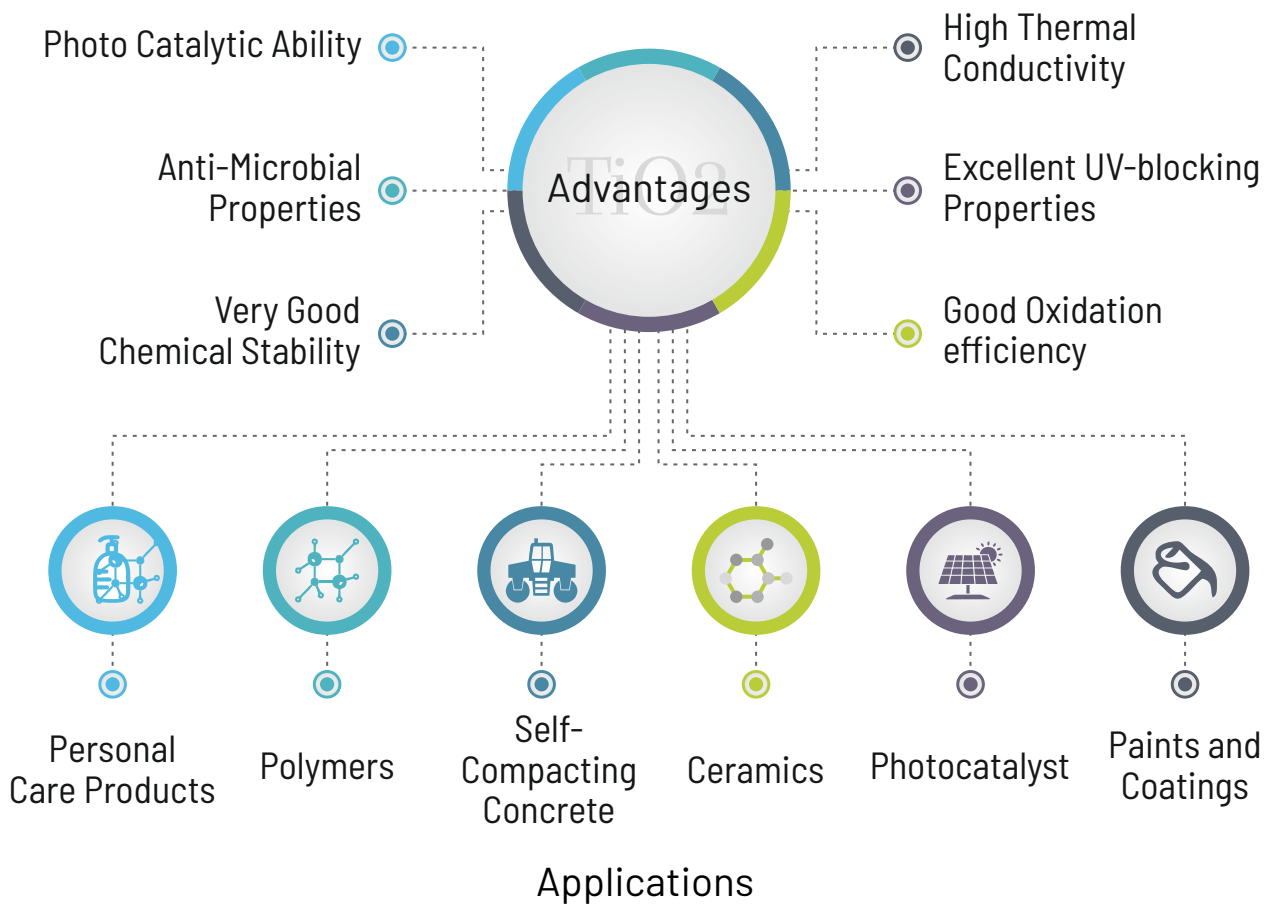
We can also provide Titanium Dioxide Nanoparticles based dispersions in various Solvents, and Resins.

TiO_2	Description
Purity	> 99%
Average Particle Size	< 100 nm
SSA	150 m^2/g
Bulk Density	0.9 g/cm^3



To know more about our product visit our website





Titanium Dioxide Nanoparticles

ITEM-CODE	PRODUCT	PURITY	APS	PACKAGE SIZE - GRAMS	PACKAGE SIZE - KG
AD-TiO ₂	Titanium Dioxide Nanoparticles	> 99%	< 100 nm	5 / 10 / 25 / 50 / 100 / 250 / 500	1 / 5 / 10 / 25 and more

Titanium Dioxide Nanoparticles Dispersions

ITEM-CODE	PRODUCTS OF DISPERSIONS	RATIO OF CONTENT	QUANTITY IN LITER
AD-CTHC	Titanium Dioxide Nanoparticles Dispersions in Water	0.1%, 0.2%, 0.5%. 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CTXC	Titanium Dioxide Nanoparticles Dispersions in Xylene	0.1%, 0.2%, 0.5%. 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CTEC	Titanium Dioxide Nanoparticles Dispersions in Epoxy	0.1%, 0.2%, 0.5%. 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CTPC	Titanium Dioxide Nanoparticles Dispersions in PU	0.1%, 0.2%, 0.5%. 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CTAC	Titanium Dioxide Nanoparticles Dispersions in Acrylic	0.1%, 0.2%, 0.5%. 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CTCC	Titanium Dioxide Nanoparticles Dispersions Customized	0.1%, 0.2%, 0.5%. 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter

Note: C will be replaced with Concentration and Quantity

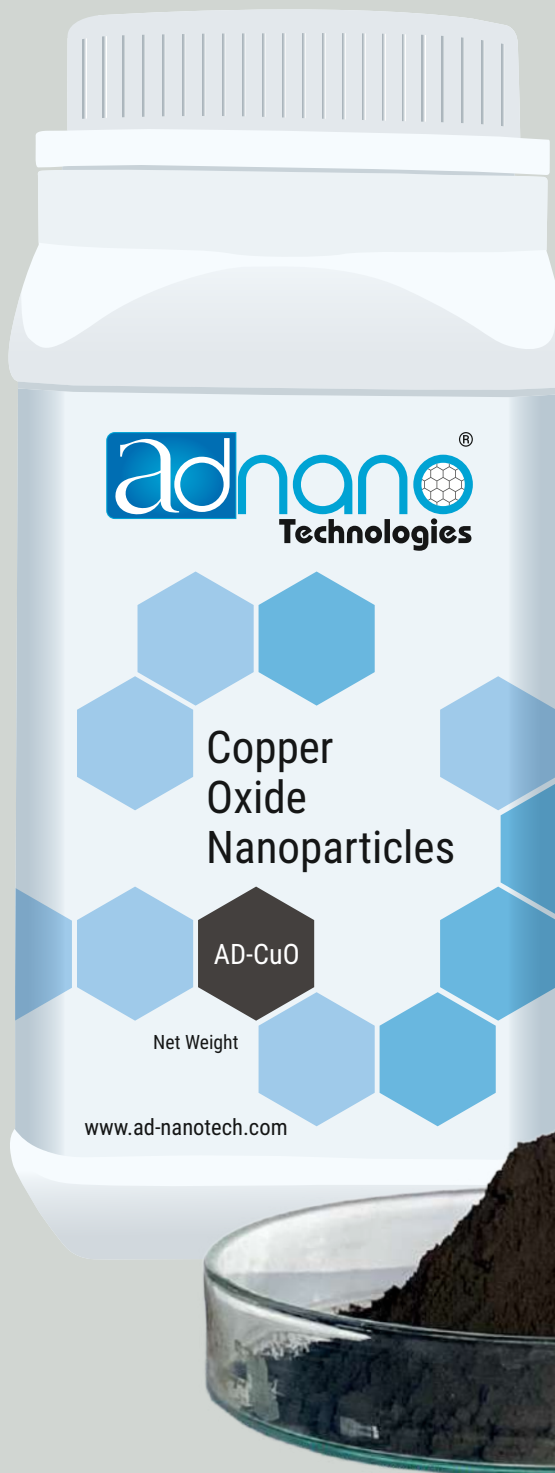
POWDER

DISPERSIONS

AD- COPPER OXIDE NANOPARTICLES

Copper oxide (CuO) nano particles are manufactured with multi-points of quality checks.

We can also provide Copper Oxide Nanoparticles based dispersions in various Solvents, and Resins.

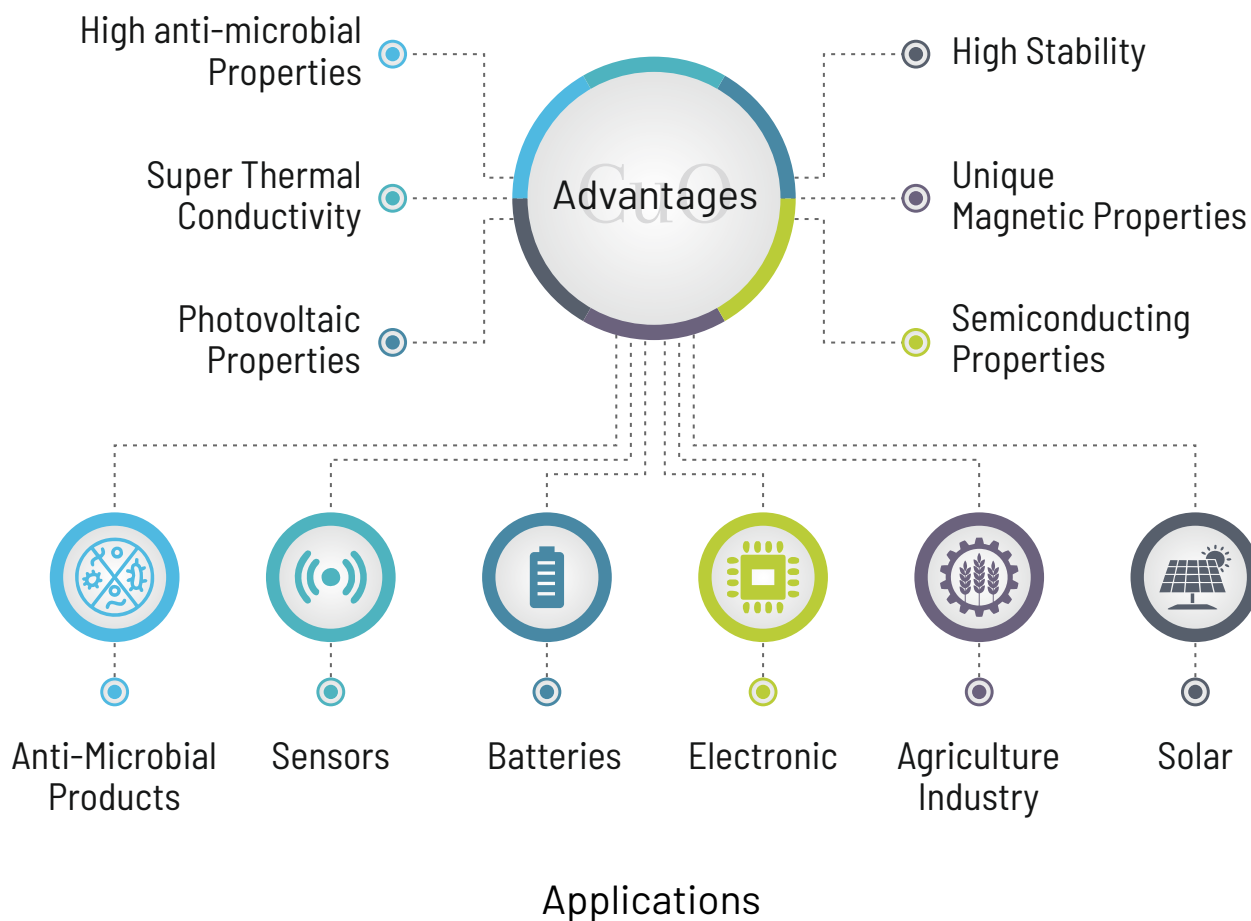


CuO	Description
Purity	> 99%
Average Particle Size	< 100 nm
SSA	60-80 m ² /g
Bulk Density	0.9 g/cm ³



To know more about our product visit our website





Copper Oxide Nanoparticles

ITEM-CODE	PRODUCT	PURITY	APS	PACKAGE SIZE - GRAMS	PACKAGE SIZE - KG
AD-CuO	Copper Oxide Nanoparticles	> 99%	< 100 nm	5 / 10 / 25 / 50 / 100 / 250 / 500	1 / 5 / 10 / 25 and more

Copper Oxide Nanoparticles Dispersions

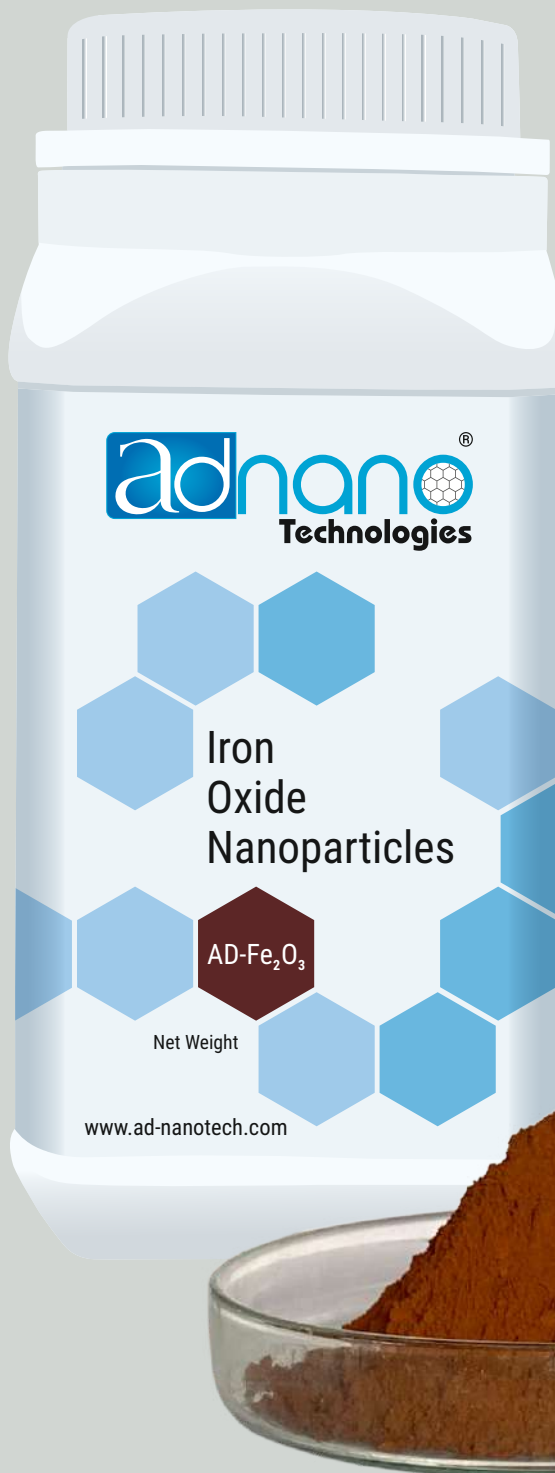
ITEM-CODE	PRODUCTS OF DISPERSIONS	RATIO OF CONTENT	QUANTITY IN LITER
AD-CCHC	Copper Oxide Nanoparticles Dispersions in Water	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CCXC	Copper Oxide Nanoparticles Dispersions in Xylene	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CCEC	Copper Oxide Nanoparticles Dispersions in Epoxy	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CCPC	Copper Oxide Nanoparticles Dispersions in PU	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CCAC	Copper Oxide Nanoparticles Dispersions in Acrylic	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CCCC	Copper Oxide Nanoparticles Dispersions Customized	0.1%, 0.2%, 0.5%, 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter

Note: C will be replaced with Concentration and Quantity

POWDER

DISPERSIONS

AD- IRON OXIDE NANOPARTICLES



Iron oxide (Fe_2O_3) nano particles are manufactured with multi-points of quality checks.

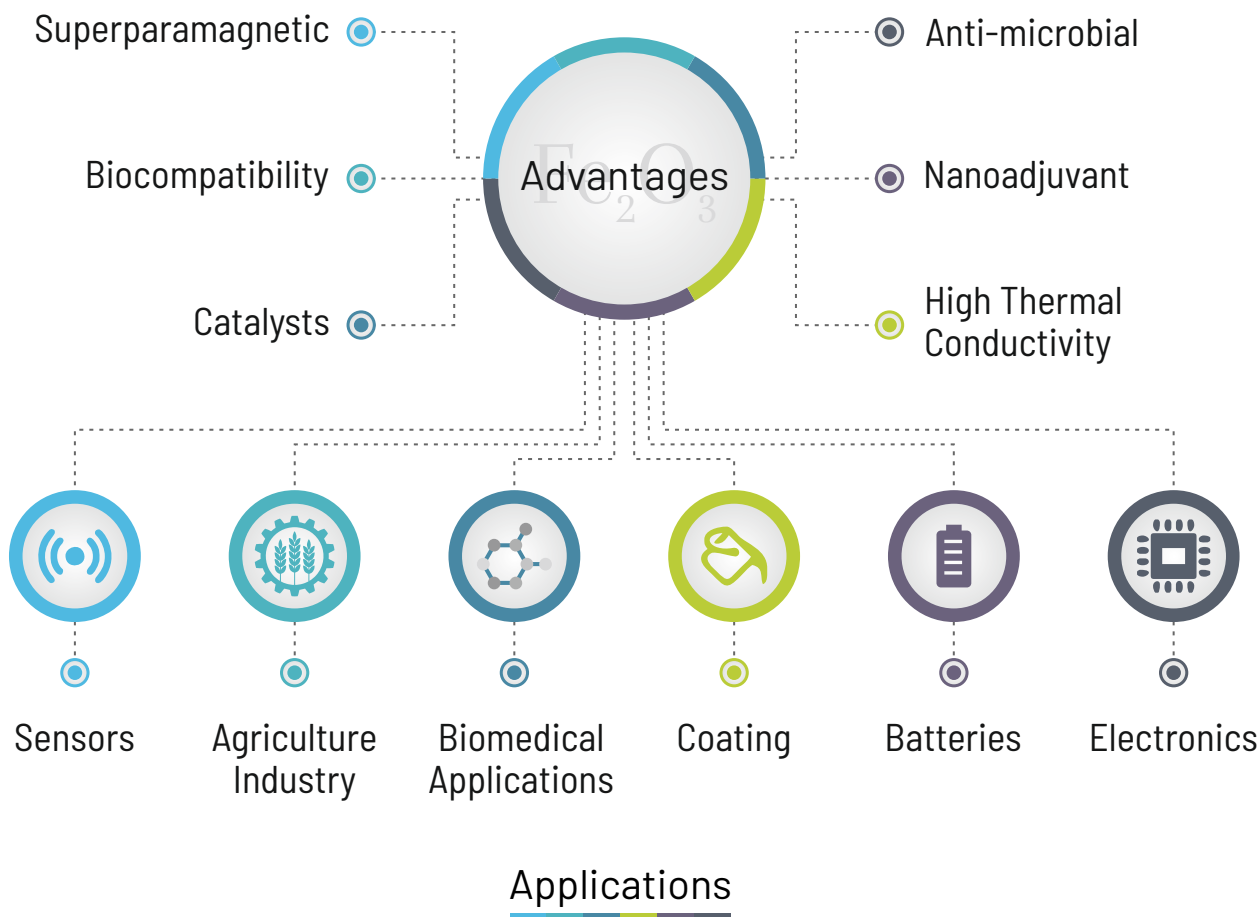
We can also provide Iron Oxide Nanoparticles based dispersions in various Solvents, and Resins.

Fe_2O_3	Description
Purity	> 99%
Average Particle Size	< 100 nm
SSA	80-100 m^2/g
Bulk Density	1.3 g/cm^3



To know more about our product visit our website





Iron Oxide Nanoparticles

ITEM-CODE	PRODUCT	PURITY	APS	PACKAGE SIZE - GRAMS	PACKAGE SIZE - KG
AD-Fe ₂ O ₃	Iron Oxide Nanoparticles	> 99%	< 100 nm	5 / 10 / 25 / 50 / 100 / 250 / 500	1 / 5 / 10 / 25

Iron Oxide Nanoparticles Dispersions

ITEM-CODE	PRODUCTS OF DISPERSIONS	RATIO OF CONTENT	QUANTITY IN LITER
AD-CFHC	Iron Oxide Nanoparticles Dispersions in Water	0.1%, 0.2%, 0.5%. 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CFXC	Iron Oxide Nanoparticles Dispersions in Xylene	0.1%, 0.2%, 0.5%. 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CFEC	Iron Oxide Nanoparticles Dispersions in Epoxy	0.1%, 0.2%, 0.5%. 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CFPC	Iron Oxide Nanoparticles Dispersions in PU	0.1%, 0.2%, 0.5%. 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CFAC	Iron Oxide Nanoparticles Dispersions in Acrylic	0.1%, 0.2%, 0.5%. 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter
AD-CFCC	Iron Oxide Nanoparticles Dispersions Customized	0.1%, 0.2%, 0.5%. 1%, 2%, 3%, 5%, Customize	1 / 5 / 25 / 50 / 200 Liter

Note: C will be replaced with Concentration and Quantity



ABOUT NANO TECHNOLOGY

Nanotechnology is a term that describes the field of science that studies and manipulates the properties of materials at a scale of less than 100 nanometers. At this size particles display unusual properties affecting the materials directly, making them stronger, aspect and more durable.

Nanotechnology is one of the most important technologies in this century and it is evoking a new industrial revolution. The trend of industrial elements towards small features, low density, fast transmission, low energy cost and high production rate has generated a greater requirement of miniaturization for elemental materials. Nanomaterial containing nanostructures are the best material to fulfill these needs.

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