



Nano ZnO-st aqueous transparent dispersion

Product description: Due to the chemical modification, the nano ZnO aqueous transparent dispersing liquid is easy to be dispersed in aqueous solution without the problem of re-agglomeration and with the particle diameter below 10 nm. It can be used as the additive for semiconductor, passive units, IC and used in rheostat, UV laser, gas detector. It also can be used as the surface paint for conductive materials. For the application in rubber industry, nano ZnO can make the used amount of rubber reduce 30 ~ 70% and improve the wear-resisting nature of rubber products, and it is characterized by the aged resistance, frictional ignition resistance, and prolongs the life of use. For the application in cosmetic industry, Top Nano's nano ZnO can easily be mixed into the formula of the cosmetics due to its color and distribution. It makes the cosmetics have the functions of antiseptic and anti-UV sun block. Nano ZnO powder is characterized by non-toxicity, flavorless, no irritation at skin, non-decomposition, non-deterioration, and good thermal stability. It is more important that it has a powerful capability of UV absorption and has a screen function for 290 ~ 380 nm wavelength. Nano ZnO also has the functions of anti-static and infrared absorption and the powerful effects of antiseptic, sterilization, deodorization, and self cleaning. It is endowed with good compatibility against various macromolecules through the modification and dispersing technologies.

Model number: SL-Z00001

Ingredients: ZnO, water, dispersing reagent

Specifications:

Appearance	: Colorless transparent liquid
Specific gravity	: 1.3 g/cm ³
Specific surface area	: >200 m ² /g
Crystal	: Globularity
Average particle diameter	: 5~10nm
Flavor	: Flavorless
pH value	: 7~8
※ Recommended amount for use: 5~10% (Please dilute this product with deionized water.)	

This product is compliance with the test of Rohs. (No cadmium, lead, mercury, hexavalent chromium, polybrominated biphenyls, and polybrominated diphenyl ethers contained)

Scope of application: Nano ZnO is widely used in the fields of paint, glue, plastic, ink, cosmetics, medicine, grease, catalyst, ceramics, leather, textile, glass, filter, wire, cable, etc., to largely enhance the performance and added value of products and endow products with new functions.

Storage: Please store this product in a dry and dark place.

Packing: 25Kg/tub

※ This instruction leaflet is only intended for reference purpose with no guarantee nature, please test the suitability of this product before using.