

Zinc Copper

Core Shell

Nano-Dispersion

ZnCu

Zinc Copper Core-shell nanoparticles are widely used in different applications such as biomedical and pharmaceutical applications, catalysis, electronics, enhancing photoluminescence, creating photonic crystals, etc. In particular in the biomedical field, the majority of these particles are used for bioimaging, controlled drug release, targeted drug delivery, cell labeling and tissue engineering applications.

Quick Facts

| | |
|------------------|---|
| Purity | : 99.9 % |
| APS | : 50nm |
| Concentration | : Customer requirement |
| Dispersing Agent | : Organic Solvent (DMF), IPA, Ethanol, Water (ddH ₂ O) |
| Form | : Slurry, Suspension, Dispersion, Colloidal |

Applications

- ✓ Photocatalysis and solar cells
- ✓ Pharmaceuticals
- ✓ Pesticides
- ✓ Coating material
- ✓ Electrochemical sensing

Properties

- ✓ Appreciable photocatalytic activity
- ✓ Anti fungal, anti fungicide
- ✓ Good conductivity
- ✓ Unique anti-microbial
- ✓ Self lubricant
- ✓ Catalysts



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