

NS6130-12-000264

ZINC FERRITE

Nanoparticles

Quick Facts

Product	: Zinc Ferrite Nanoparticles
Stock No	: NS6130-12-000264
CAS	: 12063-19-3
Molecular Formula	: $ZnFe_2O_4$
Form	: Powder

Purity
>99.9%

Technical Specification

Molecular Weight	Density	Melting Point	APS
241.06g/mol	~5.1g/cm ³	N/A	10-30nm

Zinc ferrites nanoparticles have been getting attention due to their applications in magnetic resonance imaging as a contrast agent and spintronics devices. Zinc ferrites are a series of synthetic inorganic compounds of zinc and iron (ferrite) with the general formula of $Zn_xFe_{3-x}O_4$. Because of their high opacity, zinc ferrites can be used as pigments, especially in applications requiring heat stability. Zinc ferrites applications of the composites in the fields of sensors, photocatalysis and lithium ion batteries, etc.

$ZnFe_2O_4$

APS 10-30nm



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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