

Gadolinium(III) Oxide

Gadolinium(III) oxide is Gd_2O_3 , It is white powder. Gadolinium Oxide is a highly insoluble thermally stable Gadolinium source suitable for glass, optic and ceramic applications. It's soluble in acids.



Gadolinium Oxide
CAS No. 12064-62-9

Purity 99.99% min.

Particle Size (D50)* < 10 μm

* Can be customized, nano particles also available

Formula	Gd_2O_3
CAS No.	12064-62-9
EC No.	235-060-9
Molecular Weight	362.50 g/mol
Solubility	Insoluble in water, soluble in acid
Appearance	White powder easily becoming damp, have excellent electro conductivity

Typical Application

- * For pharmaceuticals and luminescent materials, to make crystals as lasing materials
- * Used as a contrast agent for the Magnetic Resonance Imaging (MRI) technology
- * Special glasses
- * Rare Earth fertilizer

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