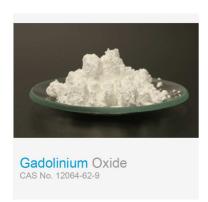


Jiayuan Advanced Materials Co., Ltd A member of JIATON Technology Group

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Gadolinium(III) Oxide

Gadolinium(III) oxide is Gd2O3, 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.



Purity 99.99% min.

Particle Size (D50)* < 10 μm

* Can be customized, nano particles also available

Formula Gd₂O₃ **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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