

Technical Data Sheet

 **NAEWAI CORPORATION**

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Germanium metal

Product Identification

Product name : Germanium metal
Chemical Formula : Ge
CAS No. : 7440-56-4

Physical and Chemical Properties

Property	Value / Description
Purity	99.99% min
Physical State	Solid
Color	Grayish white
Specific gravity	5.323 g/cm ³
Melting Point	937.4 °C
Boiling Point	2830 °C
Solubility in Water	14790 mg/ℓ
Stability	Stable under normal temperature and pressure. It does not decompose easily.
Reactivity	The substance shows very low reactivity under normal conditions

Applications

Catalyst precursor, nickel salt manufacturing, ceramic pigment, electroplating additive, nickel oxide intermediate, analytical reagent, battery materials, supercapacitor materials

Packing

1kg net in sealed containers

Shipping Regulations

UN No. 3089

Safety Information

Flammable solid. Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.