

GERMANIUM

POWDER

Ge



-100mesh

NS6130-12-000754



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Germanium Powder

Germanium is a chemical element with the symbol Ge and atomic number 32. Germanium powder have shown exceptional promise as nanomaterials for lithium-ion batteries, taking full advantage of the inherent high surface area of the material. Germanium powder has seen extensive interest from researchers for its unique optical properties, which may make it an ideal material for medical imaging and related endeavors. Germanium forms many compounds and its oxides are added to glass to increment the index of refraction for instance glass is utilized in wide-angle lenses and in infrared devices

Quick Facts

Product	:	Germanium Powder
Stock No	:	NS6130-12-000754
CAS	:	7440-56-4
Purity	:	99.999%
APS	:	-100mesh

Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
Ge	72.64g/mol	5.35g/cm ₃	937 °C

- Used as a dopant in fused silica
- Used as such in the core of optical fibers
- Used as a catalyst in the production of many plastics



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