

Germanium NANOPOWDER

Ge

Purity
99.999%

Stock no.
NS6130-01-191
CAS : **7440-56-4**

Semiconductor nanoparticles (NPs) or quantum dots are very attractive and interesting area of current research. Germanium is a chemical element with the symbol Ge and atomic number 32. Germanium powder and nanowires have shown exceptional promise as nanomaterials for lithium-ion batteries, taking full advantage of the inherent high surface area of the material. germanium nanopowder has seen extensive interest from researchers for its unique optical properties, which may make it an ideal material for medical imaging and related endeavors.

Technical Specification

| Molecular Weight | Density | Melting Point | APS |
|------------------|-----------------------|---------------|-------|
| 72.59g/mol | 5.35g/cm ³ | 937°C | <10nm |



APS: <10nm



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