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Product Specifications

Catalogue Number 47102

Product **Silicon nanopowder (100 nm)**

CAS Number 7440-21-3

Molecular Formula Si

Molecular Weight 28.09

Appearance Yellow brown nanopowder

Melting Point 1414 °C

Boiling point 2900 °C

Density Bulk density 0.08 g/cm³

Mesh Size APS 100 nm , SSA > 80 m²/g

Purity ≥ 99% (Trace metals basis)

Application Silicon nanopowder used in optical properties, semiconductors, solar energy cell, lithium-ion battery, drug delivery

Storage Store at RT

For Laboratory Use Only