

NS6130-12-000984

Quick Facts

NEODYMUM Oxide Nanoparticles

Product **Neodymium Oxide Nanoparticles**

Stock No NS6130-12-000984

CAS 1313-97-9 Molecular Formula Nd₂O₃ Form Powder

Purity 99.99%

Technical Specification

Molecular Weight	Density	APS
336.48g/mol	7.24g/cm³	80-100nm

Neodymium(III) oxide or neodymium sesquioxide is the chemical compound composed of neodymium and oxygen with the formula Nd2O3. Used in ceramic capacitors, color TV tubes, high temperature glazes, coloring glass, carbon-arc-light electrodes, and vacuum deposition. Neodymium(III) oxide is also used as a polymerization catalyst. d2O3 powder is utilized as additives for coloring and enhancing the optical properties of glasses. It is also used as an effective semiconductor material in diodes, as components for high temperature ceramics and superconductors.

APS 80-100nm











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