

NS6130-12-001188

Quick Facts

Product	:	Neodymium (III) Carbonate Hydrate
Stock No	:	NS6130-12-001188
CAS	:	38245-38-4
Molecular Formula	:	C ₃ Nd ₂ O ₉ xH ₂ O
Purity	:	99.9%

Neodymium (III) Carbonate Hydrate

Purity
99.9%

Technical Specification

Molecular Weight	Melting Point	APS
468.51g/mol	114°C	40-50µm

Neodymium (III) carbonate hydrate is a chemical compound with the formula Nd₂(CO₃)₃xH₂O. It is a salt composed of neodymium cations (Nd³⁺) and carbonate anions (CO₃²⁻), with water molecules (H₂O) in the crystal lattice. Neodymium (III) carbonate hydrate is used in the production of neodymium-doped glass, which has unique optical properties. Neodymium-doped glass can be used to produce lasers, optical fibers, and lenses.

C₃Nd₂O₉ xH₂O
APS 40-50µm



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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