

Holmium

Oxide Powder



NS6130-12-000430

APS
20-30 μ m



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Holmium Oxide Powder

Holmium (III) oxide, or holmium oxide is a chemical compound of a rare-earth element holmium and oxygen with the formula Ho_2O_3 . Together with dysprosium (III) oxide (Dy_2O_3) holmium oxide is one of the most powerfully paramagnetic substances known. The oxide, also called holmia, occurs as a component of the related erbium oxide mineral called erbia. Holmium oxide is used in making specialty colored glasses. Glass containing holmium oxide and holmium oxide solutions have a series of sharp optical absorption peaks in the visible spectral range. They are therefore traditionally used as a convenient calibration standard for optical spectrophotometers.

Quick Facts

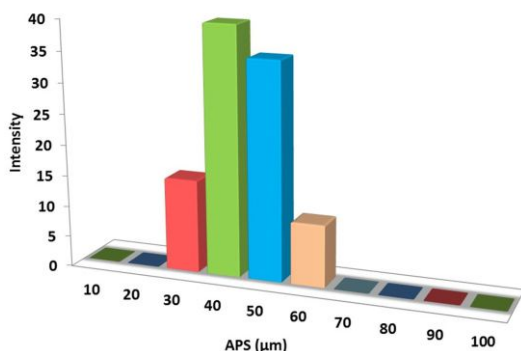
Product	:	Holmium Oxide Powder
Stock No	:	NS6130-12-000430
CAS	:	12055-62-8
Purity	:	>99.99%
Color	:	Pale yellow
Form	:	Powder

Technical Specification

Formula	APS	Molecular Weight	Melting Point
Ho_2O_3	20-30 μm	377.86g/mol	2415 °C

Chemical Composition

Product	Weight Percent (nominal)
Holmium Oxide Powder	Ho_2O_3 >99.99%



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