

NbC

NIOBIUM CARBIDE SPUTTERING TARGET

Niobium carbide (NbC and Nb₂C) is an extremely hard refractory ceramic material, commercially used in tool bits for cutting tools. It is usually processed by sintering and is a frequent additive as grain growth inhibitor in cemented carbides. It has the appearance of a brown-gray metallic powder with purple lustre. It is highly corrosion resistant.

Quick Facts

Product	:	Niobium Carbide Sputtering Target
Stock No	:	NS6130-10-1073
CAS	:	12069-94-2
Backing Plate	:	(As per Customer requirement)

Additional Characteristics

Stock No.	Purity	Diameter	Thickness
NS6130-10-1073	99.99%	50.8 mm ± 1mm	3 mm ± 0.5mm

Technical Specification

Molecular Formula	Molecular Weight	Melting Point
NbC	104.92g/mol	3490°C



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20ZICE4589C

19ZAZGO1274G

20ZICE4588M

High Purity
SPUTTERING
TARGET