

NbF₅

NIOBIUM(V)FLUORIDE

Physical Properties

Vapor pressure equat.:	0.1 Torr at 45 °C
Density:	3.293 g/cm ³
Molweight:	187.89 g/mol
Melting point:	72 °C / 162 °F
Boiling point:	236 °C / 457 °F
Sublimation point:	

Chemical Properties

Stability:	Stable under recommended storage conditions
State of matter:	Solid

Safety & Transport

Toxicity:	Toxic, Corrosive
Thermal decomposition:	
ADR/RID-class:	8
UN-no:	3260, PG II
IMDG-class:	8
UN-no:	3260, PG II
ICAO/IATA-class:	8
UN-no:	3260, PG II – AIRFREIGHT ALLOWED

For further details please refer to Safety Data Sheet (SDS)

Packaging & Standard Filling Volumes

NbF5.100.DOCK/10.150	100g / 150ccm cyl.
NbF5.950.DOCK/10.400	950g / 400ccm cyl.
NbF5.1300.DOCK/10.600	1300g / 600ccm cyl.
NbF5.2300.DOCK/10.1000	2300g / 1000ccm cyl.

Product Description

Name:	NIOBIUM(V)FLUORIDE
CAS-Number:	7783-68-8
Element:	Nb
Molecular Formula:	NbF ₅

Quality Standards

PG Pure Grade

Application

ALD and CVD Precursor

Vapor Pressure

