SCIENCE DRIVEN SOLUTIONS

TETRAKIS(DIMETHYLAMIDO)HAFNIUM

TDMAHf

Product description

Name: TETRAKIS(DIMETHYLAMIDO)HAFNIUM
CAS-Number: 19782-68-4 (19962-11-9)

Application: Tetrakisdimethylamidohafnium (TDMAHf) is a solid chemical source suitable for the chemical

Element: Hf

TETRAKIS(DIMETHYLAMIDO)HAFNIUM

TDMAHf

Physical Properties

Vapor pressure equat.:	log(p(Torr)) = 9.99-3377/T(K)
Density:	1.4 g/cm³
Molweight:	354.79 g/mol
Melting point:	26-29 °C / 79-84 °F
Boiling point:	60 °C / 140 °F (0.01 mBar)
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	Hf products may be fatal if ingested
Thermal decomposition:	
ADR/RID-class:	4.3
UN-no:	3399
IMDG-class:	4,3
UN-no:	3399
ICAO/IATA-class:	4,3
UN-no:	3399

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

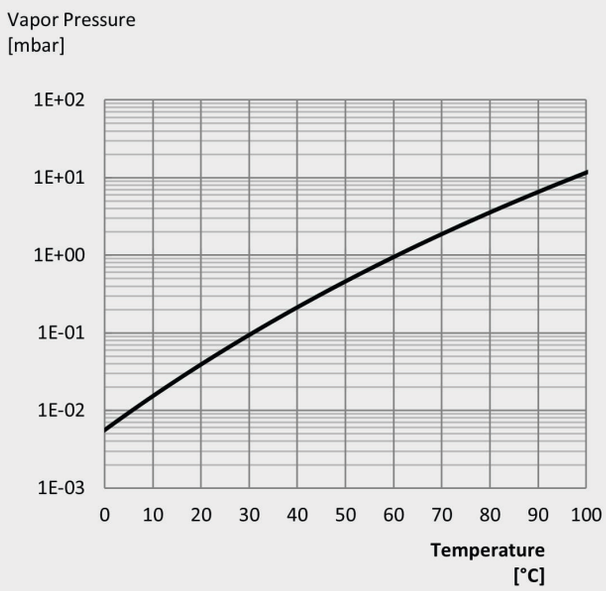
Packaging & Standard Filling Volumes

TDMAHf.100.DOCK/10.150	100g / 150ccm cyl.
TDMAHf.450.DOCK/10.400	450g / 400ccm cyl.
TDMAHf.1100.DOCK/10.1000	1100g / 1000ccm cyl.
TDMAHf.3300.DOCK/10.3000	3300g / 3000ccm cyl.
TDMAHf.4400.DOCK/10.3950	4400g / 3950ccm cyl.

Quality Standards

EG Electronic Grade

Vapor Pressure Curve



Application

Tetrakisdimethylamidohafnium (TDMAHf) is a solid chemical source suitable for the chemical vapor deposition of Hafnium Oxide layers.

Dockweiler Chemicals GmbH
Emil-von-Behring-Strasse 76
Goerzhaeuser Hof M217
35041 Marburg, Germany

T +49 (0)6421 39-6380
F +49 (0)6421 39-6381
info@dockchemicals.com

dockchemicals.com