SCIENCE DRIVEN SOLUTIONS

TEMAHf

TETRAKIS(ETHYLMETHYLAMIDO)HAFNIUM

Physical Properties

Vapor pressure equat.:	0.067 mbar at 75 °C / 0.36 mbar at 95 °C
Density:	1.324 g/cm³
Molweight:	410.90 g/mol
Melting point:	< -50 °C
Boiling point:	79 °C / 174 °F (0.13 mbar)
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	n.a.
Thermal decomposition:	
ADR/RID-class:	4.3
UN-no:	3399, PG II
IMDG-class:	4.3
UN-no:	3399, PG II
ICAO/IATA-class:	4.3
UN-no:	3399, PG II – AIR FREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

TEMAHf.100.DOCK/10.150	100g / 150ccm cyl.
TEMAHf.175.DOCK/10.150	175g / 150ccm cyl.
TEMAHf.450.DOCK/10.400	450g / 400ccm cyl.
TEMAHf.700.DOCK/10.600	700g / 600ccm cyl.
TEMAHf.1100.DOCK/10.1000	1100g / 1000ccm cyl.

Product Description

Name:	TETRAKIS(ETHYLMETHYLAMIDO) HAFNIUM
CAS-Number:	352535-01-4
Element:	Hf
Molecular Formula:	$C_{12}H_{32}N_4Hf$

Quality Standards

EG Electronic Grade

Application

Hafnium precursor for CVD and ALD processes

Vapor Pressure

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