

TETRAKIS(ETHYLMETHYLAMIDO)HAFNIUM

# TEMAHf

 **Product description**

**Name:** TETRAKIS(ETHYLMETHYLAMIDO)HAFNIUM

**CAS-Number:** 352535-01-4

**Application:** Hafnium precursor for CVD and ALD processes

**Element:** Hf

# TETRAKIS(ETHYLMETHYLAMIDO)HAFNIUM

## TEMAHf

### Physical Properties

Vapor pressure equat.:	0.067 mbar at 75 °C / 0.36 mbar at 95 °C
Density:	1.324 g/cm <sup>3</sup>
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.

### Quality Standards

EG Electronic Grade

### Vapor Pressure Curve

### Application

Hafnium precursor for CVD and ALD processes



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