

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Zirconium precursor for CVD and ALD processes

BP: 80 °C / 176 °F / 0.1 Torr

'TDMAZr - TETRAKIS-DIMETHYLAMIDO-ZIRCONIUM

PRODUCT DATASHEET

'MO-CVD

'TDMAZr - TETRAKIS-DIMETHYLAMIDO-ZIRCONIUM

IDENTIFICATION

CAS-No:	19756-04-8
EINECS/ELINCS-No:	not registered
Other names:	none

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure:	< 0.1 mm Hg @ 25 °C
Density:	n.a.
Molweight g/mol:	267.52
Melting point:	59 °C/138 °F
Boiling point:	80 °C / 176 °F / 0.1 Torr

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Solid

SAFETY & TRANSPORT

Toxicity:	Toxic if swallowed
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID	
ADR/RID-class:	4.3
UN-no:	3129
IMDG	
IMDG -class:	4.3
UN-no:	3129
ICAO/IATA	
ICAO/IATA-class:	4.3
UN-no:	3129 – AIR FREIGHT ALLOWED

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

PACKAGING & STANDARD FILLING VOLUMES

TDMAZr.100.DOCK/10.150	100g / 150ccm cyl.
TDMAZr.350.DOCK/10.400	350g / 400ccm cyl.
TDMAZr.900.DOCK/10.1000	900g / 1000ccm cyl.
TDMAZr.2800.DOCK/10.3000	2800g / 3000ccm cyl.
TDMAZr.3800.DOCK/10.3950	3800g / 3950ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

APPLICATION

Tetrakisdimethylamidozirconium (TDMAZr) is a solid chemical source suitable for the chemical vapor deposition of Zirconium Oxide.

**'DOCK/
CHEMICALS**

SEMICONDUCTORS DECISION

Dockweiler Chemicals GmbH

Emil-von-Behring-Strasse 76 35041 Marburg Germany
T +49 6421 396 -380 | F +49 6421 396 -381
sales@dockchemicals.com

PRODUCT DATASHEET

www.dockchemicals.com