

TRIS(DIMETHYLAMINO)(CYCLOPENTADIENYL)ZIRCONIUM

TDMACpZr

 **Product description**

Name: TRIS(DIMETHYLAMINO)(CYCLOPENTADIENYL)ZIRCONIUM

CAS-Number: 33271-88-4

Application: ALD and CVD precursor

Element: Zr

TRIS(DIMETHYLAMINO)(CYCLOPENTADIENYL)ZIRCONIUM

TDMACpZr

Physical Properties

Vapor pressure equat.:	0.8 mbar at 72 °C
Density:	1.26 g/cm ³
Molweight:	287.54 g/mol
Melting point:	<0 °C
Boiling point:	94 °C / 201 °F (2.19 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
IMDG-class:	4,3
UN-no:	3399
ICAO/IATA-class:	4,3
UN-no:	3399 – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

TDMACpZr.100.DOCK/10.150	100g / 150ccm cyl.
TDMACpZr.450.DOCK/10.400	450g / 400ccm cyl.
TDMACpZr.650.DOCK/10.600	650g / 600ccm cyl.
TDMACpZr.1100.DOCK/10.1000	1100g / 1000ccm cyl
TDMACpZr.3400.DOCK/10.3000	3400g / 3000ccm cyl

Quality Standards

EG Electronic Grade

Vapor Pressure Curve

Application

ALD and CVD precursor



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