

TDMAZr

TETRAKIS(DIMETHYLAMIDO)ZIRCONIUM

Physical Properties

Vapor pressure equat.:	< 0.13 mbar at 25 °C
Density:	ca. 1.3 g/cm ³
Molweight:	267.52
Melting point:	59 °C / 138 °F
Boiling point:	80 °C / 176 °F (0.13 mbar)
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	Flammable, Skin/eye irritation, May cause respiratory irritation
Thermal decomposition:	
ADR/RID-class:	4.3(4.1)
UN-no:	3396, PG II
IMDG-class:	4.3(4.1)
UN-no:	3396, PG II
ICAO/IATA-class:	4.3(4.1)
UN-no:	3396, PG II – AIRFREIGHT 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.

Product Description

Name:	TETRAKIS(DIMETHYLAMIDO)ZIRCONIUM
CAS-Number:	19756-04-8
Element:	Zr
Molecular Formula:	C ₈ H ₂₄ N ₄ Zr

Quality Standards

EG Electronic Grade

Application

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

Vapor Pressure

