SCIENCE DRIVEN SOLUTIONS

TDMATi

TETRAKIS(DIMETHYLAMIDO)TITANIUM

Physical Properties

Vapor pressure equat.:	log(p(Torr)) = 9.452-3376/ (T(°C)+298.9)
Density:	0.96 g/cm³
Molweight:	224.17 g/mol
Melting point:	<4 °C / <39 °F
Boiling point:	50 °C / 122 °F (0.067 mbar)
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	Flammable, Water-reactive, Corrosive
Thermal decomposition:	
ADR/RID-class:	4.3(8)
UN-no:	3129, PG II
IMDG-class:	4.3(8)
UN-no:	3129, PG II
ICAO/IATA-class:	4.3(8)
UN-no:	3129, PG II – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

TDMATi.100.DOCK/10.150	100g / 150ccm cyl.
TDMATi.400.DOCK/10.400	400g / 400ccm cyl.
TDMATi.600.DOCK/10.600	600g / 600ccm cyl.
TDMATi.1000.DOCK/10.1000	1000g / 1000ccm cyl
TDMATi.3000.DOCK/10.3000	3000g / 3000ccm cyl.

Product Description

Name:	TETRAKIS(DIMETHYLAMIDO) TITANIUM
CAS-Number:	3275-24-9
Element:	Ti
Molecular Formula:	$C_8H_{24}N_4Ti$

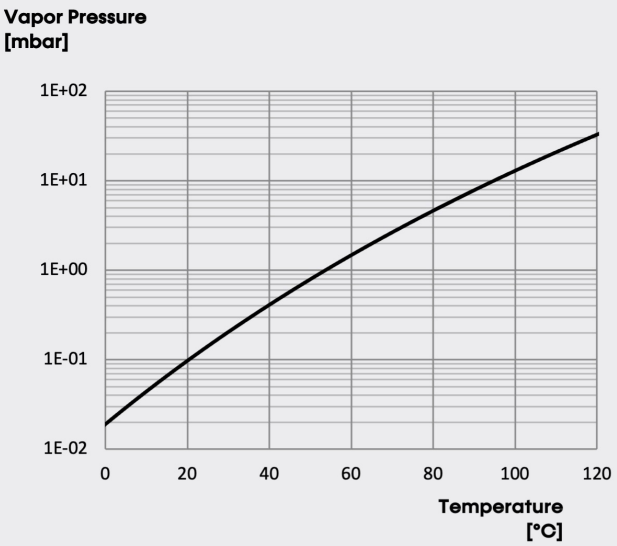
Quality Standards

EG Electronic Grade

Application

TiN, TiO2 deposition

Vapor Pressure



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