

TBTDEANb

(TERT-BUTYLIMIDO)TRIS(DIETYLAMIDO)NIOBIUM

Physical Properties

Vapor pressure equat.:	n.a.
Density:	1.015 g/cm ³
Molweight:	380.4 g/mol
Melting point:	n.a.
Boiling point:	n.a.
Sublimation point:	

Chemical Properties

Stability:	Stable in sealed corrosion resistant container and stored under dry inert atmosphere.
State of matter:	Liquid

Safety & Transport

Toxicity:	n.a.
Thermal decomposition:	
ADR/RID-class:	4.3
UN-no:	3398
IMDG-class:	4,3
UN-no:	3398
ICAO/IATA-class:	4,3
UN-no:	3398 – AIR FREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

TBTDEANb.100.DOCK/10.150	100g / 150ccm cyl.
TBTDEANb.350.DOCK/10.400	350g / 400ccm cyl.
TBTDEANb.550.DOCK/10.600	550g / 600ccm cyl.
TBTDEANb.900.DOCK/10.1000	900g / 1000ccm cyl
TBTDEANb.2700.DOCK/10.3000	2700g / 3000ccm cyl

Product Description

Name:	TRIS(DIETHYLAMIDO)(TERT-BUTYLIMIDO)NIOBIUM
CAS-Number:	210363-27-2
Element:	Nb
Molecular Formula:	C ₁₆ H ₃₉ N ₄ Nb

Quality Standards

DG Development Grade

Application

ALD and CVD precursor

Vapor Pressure

Vapor Pressure
[mbar]

